

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 7, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : JULY 7, 2023
ANALYTICAL DATE : JULY 7-12, 2023
REPORT NO. : 2023-U059971
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN016-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AN016-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JULY 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 7, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD * : GRAB
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : JULY 7, 2023
ANALYTICAL DATE : JULY 7-12, 2023
REPORT NO. : 2023-U059972
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN016-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AN016-0001		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JULY 24, 2023



ANALYSIS REPORT

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CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 7, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : JULY 7, 2023
ANALYTICAL DATE : JULY 7-12, 2023
REPORT NO. : 2023-U059973
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN016-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AN016-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JULY 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 7, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD * : GRAB
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : JULY 7, 2023
ANALYTICAL DATE : JULY 7-12, 2023
REPORT NO. : 2023-U059974
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN016-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AN016-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



LABORATORY SUPERVISOR

JULY 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
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CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 14, 2023
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : JULY 14, 2023
ANALYTICAL DATE : JULY 14-20, 2023
REPORT NO. : 2023-U061832
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN592-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AN592-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JULY 26, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 14, 2023
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : JULY 14, 2023
ANALYTICAL DATE : JULY 14-18, 2023
REPORT NO. : 2023-U061833
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN592-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AN592-0001		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JULY 26, 2023



ANALYSIS REPORT

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CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 14, 2023
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : JULY 14, 2023
ANALYTICAL DATE : JULY 14-20, 2023
REPORT NO. : 2023-U061834
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN592-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AN592-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JULY 26, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
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CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 14, 2023
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : JULY 14, 2023
ANALYTICAL DATE : JULY 14-18, 2023
REPORT NO. : 2023-U061835
WORK NO. : 2023-004289
ANALYSIS NO. : T23AN592-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AN592-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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LABORATORY SUPERVISOR

JULY 26, 2023



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CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukhumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 08:45 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-24, 2023
REPORT NO. : 2023-U063555
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0068-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AO068-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.





LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 08:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-24, 2023
REPORT NO. : 2023-U063556
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0068-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AO068-0004		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 08:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-24, 2023
REPORT NO. : 2023-U063561
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0068-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23A0068-0005		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 08:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-24, 2023
REPORT NO. : 2023-U063563
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO068-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AO068-0005		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 1/
SAMPLING METHOD ° : GRAB, GRAB AND STERILIE TECHNIQUE
SAMPLING BY ° : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-31, 2023
REPORT NO. : 2023-U063553
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO068-0001 - T23AO068-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 09:10 HOUR 1/ T23AO068-0001	2 09:20 HOUR 1/ T23AO068-0002		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	6.6 (31°C)	6.1 (37°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	760	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	2,715	10.3	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	332	557	500*	25
SETTLEABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	60.0	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	5.8	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN °	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	166	< LOQ	≤ 35	1.5
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	260	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 09:10 HOUR 1/ T23A0068-0001	2 09:20 HOUR 1/ T23A0068-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	>160,000	330	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	>160,000	79	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (บ่อปรับสมดุล)

RESULT 2 : EFFLUENT (บ่อสูบน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN \geq 1.5 AND < 5.0 mg/L).

LABORATORY SUPERVISOR

AUGUST 3, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 09:30 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-31, 2023
REPORT NO. : 2023-U063554
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0068-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบายออกสู่ภายนอกโครงการ (บ่อพักน้ำพร้อมตะแกรงดักขยะ) T23A0068-0003		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	6.2 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2.1	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	8.4	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	820	500*	25
SETTLABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

° : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

° : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : นิคมอุตสาหกรรมชุดอินดี้ คอนโด
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 09:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-26, 2023
REPORT NO. : 2023-U063564
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO068-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AO068-0006	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	207	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED


SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

.....
[REDACTED]
LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 29, 2023
SAMPLING TIME : 13:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY :

RECEIVED DATE : JULY 29, 2023
ANALYTICAL DATE : JULY 29-31, 2023
REPORT NO. : 2023-U064805
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0578-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23A0578-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 29, 2023
SAMPLING TIME : 13:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : JULY 29, 2023
ANALYTICAL DATE : JULY 29-31, 2023
REPORT NO. : 2023-U064806
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO578-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AO578-0001		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 29, 2023
SAMPLING TIME : 13:00 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : 
ANALYZED BY : 

RECEIVED DATE : JULY 29, 2023
ANALYTICAL DATE : JULY 29-31, 2023
REPORT NO. : 2023-U064807
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0578-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23A0578-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.


LABORATORY SUPERVISOR

AUGUST 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 29, 2023
SAMPLING TIME : 13:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : JULY 29, 2023
ANALYTICAL DATE : JULY 29-31, 2023
REPORT NO. : 2023-U064808
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0578-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23A0578-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

.....
[REDACTED SIGNATURE]
.....

LABORATORY SUPERVISOR

AUGUST 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 2, 2023
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : AUGUST 2, 2023
ANALYTICAL DATE : AUGUST 2-10, 2023
REPORT NO. : 2023-U066275
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO704-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AO704-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

[REDACTED]
LABORATORY SUPERVISOR

AUGUST 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 2, 2023
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : AUGUST 2, 2023
ANALYTICAL DATE : AUGUST 2-6, 2023
REPORT NO. : 2023-U066276
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO704-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			DEEP ZONE T23A0704-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 2, 2023
SAMPLING TIME : 10:30 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : AUGUST 2, 2023
ANALYTICAL DATE : AUGUST 2-10, 2023
REPORT NO. : 2023-U066277
WORK NO. : 2023-004289
ANALYSIS NO. : T23AO704-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23A0704-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 2, 2023
SAMPLING TIME : 10:30 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : AUGUST 2, 2023
ANALYTICAL DATE : AUGUST 2-6, 2023
REPORT NO. : 2023-U066278
WORK NO. : 2023-004289
ANALYSIS NO. : T23A0704-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SHALLOW ZONE T23A0704-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 09:25 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-14, 2023
REPORT NO. : 2023-U068445
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP517-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AP517-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 09:25 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-14, 2023
REPORT NO. : 2023-U068446
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP517-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			DEEP ZONE T23AP517-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 09:20 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-16, 2023
REPORT NO. : 2023-U068447
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP517-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AP517-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 09:20 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-14, 2023
REPORT NO. : 2023-U068448
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP517-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SHALLOW ZONE T23AP517-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
 * : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-20, 2023
REPORT NO. : 2023-U069770
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AP653-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-20, 2023
REPORT NO. : 2023-U069772
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			DEEP ZONE T23AP653-0004	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-20, 2023
REPORT NO. : 2023-U069773
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AP653-0005		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-20, 2023
REPORT NO. : 2023-U069774
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SHALLOW ZONE T23AP653-0005	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 1/
SAMPLING METHOD ^c : GRAB, GRAB AND STERLIE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-22, 2023
REPORT NO. : 2023-U069765
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0001 - T23AP653-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:25 HOUR 1/ T23AP653-0001	2 14:30 HOUR 1/ T23AP653-0002		
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.3 (32°C)	4.6 (39°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	114	ND	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	276	7.9	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	322	468	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	7.0	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	15.4	< LOQ	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	50	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:25 HOUR 1/ T23AP653-0001	2 14:30 HOUR 1/ T23AP653-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	49	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	160,000	6.8	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (บ่อปรับสมดุล)

RESULT 2 : EFFLUENT (บ่อสูบน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

LABORATORY SUPERVISOR

AUGUST 24, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:35 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-21, 2023
REPORT NO. : 2023-U069769
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบาย ออกสู่ภายนอก โครงการ (ปล่อยน้ำพร้อม ตะกอนดักขยะ) T23AP653-0003		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	6.2 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	805	500*	25
SETTLEABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

.....
[REDACTED]
LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุดอินดี้ คอนโด
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:20 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-17, 2023
REPORT NO. : 2023-U069775
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AP653-0006	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	250	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 14:35 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-21, 2023
REPORT NO. : 2023-U069769
WORK NO. : 2023-004289
ANALYSIS NO. : T23AP653-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบาย ออกสู่ภายนอก โครงการ (ปล่อยน้ำพร้อม ตะกอนตกตะกอน) T23AP653-0003		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H* B)	6.2 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^{a b}	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	728	500*	25
SETTLEABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ² -F)	< 0.50	≤ 1.0	0.50



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระดม ออกสู่ภายนอก โครงการ (บ่อพักน้ำพร้อม ตะแกรงดักขยะ) T23AP653-0003		
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

[^] : SAMPLING AT 14:00 HOUR ON SEPTEMBER 4, 2023, ANALYSIS NO. T23AR248-0001 (ANALYTICAL DATE : SEPTEMBER 4-6, 2023)



SEPTEMBER 15, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 24, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : AUGUST 24, 2023
ANALYTICAL DATE : AUGUST 24-SEPTEMBER 5, 2023
REPORT NO. : 2023-U074624
WORK NO. : 2023-004289
ANALYSIS NO. : T23AQ510-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			DEEP ZONE T23AQ510-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 7, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 24, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : AUGUST 24, 2023
ANALYTICAL DATE : AUGUST 24-27, 2023
REPORT NO. : 2023-U074625
WORK NO. : 2023-004289
ANALYSIS NO. : T23AQ510-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			DEEP ZONE T23AQ510-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 7, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 24, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : AUGUST 24, 2023
ANALYTICAL DATE : AUGUST 24-28, 2023
REPORT NO. : 2023-U074626
WORK NO. : 2023-004289
ANALYSIS NO. : T23AQ510-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SHALLOW ZONE T23AQ510-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.


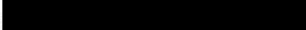
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 7, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 24, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : AUGUST 24, 2023
ANALYTICAL DATE : AUGUST 24-27, 2023
REPORT NO. : 2023-U074627
WORK NO. : 2023-004289
ANALYSIS NO. : T23AQ510-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SHALLOW ZONE T23AQ510-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

SEPTEMBER 7, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 1, 2023
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : SEPTEMBER 1, 2023
ANALYTICAL DATE : SEPTEMBER 1-6, 2023
REPORT NO. : 2023-U075652
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR105-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AR105-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	>23	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 1, 2023
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : SEPTEMBER 1, 2023
ANALYTICAL DATE : SEPTEMBER 1-4, 2023
REPORT NO. : 2023-U075653
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR105-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AR105-0001	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 1, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : SEPTEMBER 1, 2023
ANALYTICAL DATE : SEPTEMBER 1-6, 2023
REPORT NO. : 2023-U075654
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR105-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AR105-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 1, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 1, 2023
ANALYTICAL DATE : SEPTEMBER 1-4, 2023
REPORT NO. : 2023-U075655
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR105-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AR105-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-11, 2023
REPORT NO. : 2023-U076078
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณสวนดิน T23AR231-0005		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 12, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-8, 2023
REPORT NO. : 2023-U076080
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AR231-0005	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMS)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 12, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : XXXXXXXXXX
ANALYZED BY : XXXXXXXXXX

RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-11, 2023
REPORT NO. : 2023-U076081
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AR231-0006		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 12, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-8, 2023
REPORT NO. : 2023-U076082
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AR231-0006	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 12, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 1/
SAMPLING METHOD ° : GRAB, GRAB AND STERILIE TECHNIQUE
SAMPLING BY ° : XXXXXXXXXX
ANALYZED BY : XXXXXXXXXX

RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-11, 2023
REPORT NO. : 2023-U076072
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0001 - T23AR231-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:10 HOUR 1/ T23AR231-0001	2 14:05 HOUR 1/ T23AR231-0002		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	6.6 (33°C)	5.1 (38°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	398	ND	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	71.0	5.8	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	618	652	500*	25
SETTLEABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN °	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	22.4	ND	≤ 35	1.5
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	40	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:10 HOUR 1/ T23AR231-0001	2 14:05 HOUR 1/ T23AR231-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	79	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	92,000	33	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			WHITE/TURBID BROWN	YELLOW/TURBID BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (น้ำปรับสมตุล)

RESULT 2 : EFFLUENT (น้ำสูบน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.



500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

SEPTEMBER 12, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-11, 2023
REPORT NO. : 2023-U076073
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบาย ออกสู่ภายนอก โครงการ (บ่อพักน้ำพร้อม ตะแกรงดักขยะ) T23AR231-0003		
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.9 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	3.2	≤ 30	2.0
SUSPENDED SOLIDS ^c	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	762	500*	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

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LABORATORY SUPERVISOR

SEPTEMBER 12, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : SEPTEMBER 4, 2023
SAMPLING TIME : 13:55 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 4, 2023
ANALYTICAL DATE : SEPTEMBER 4-6, 2023
REPORT NO. : 2023-U076076
WORK NO. : 2023-004289
ANALYSIS NO. : T23AR231-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AR231-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	276	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

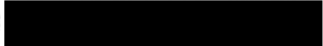
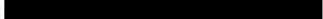
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

LABORATORY SUPERVISOR

SEPTEMBER 12, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 13, 2023
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : SEPTEMBER 13, 2023
ANALYTICAL DATE : SEPTEMBER 13-17, 2023
REPORT NO. : 2023-U079420
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS074-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AS074-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

SEPTEMBER 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 13, 2023
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 13, 2023
ANALYTICAL DATE : SEPTEMBER 13-17, 2023
REPORT NO. : 2023-U079421
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS074-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AS074-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 13, 2023
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 13, 2023
ANALYTICAL DATE : SEPTEMBER 13-17, 2023
REPORT NO. : 2023-U079423
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS074-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AS074-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 13, 2023
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : N [REDACTED]
ANALYZED BY : N [REDACTED]
RECEIVED DATE : SEPTEMBER 13, 2023
ANALYTICAL DATE : SEPTEMBER 13-17, 2023
REPORT NO. : 2023-U079424
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS074-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AS074-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

[REDACTED]

LABORATORY SUPERVISOR

SEPTEMBER 21, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 20, 2023
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 20, 2023
ANALYTICAL DATE : SEPTEMBER 20-24, 2023
REPORT NO. : 2023-U082497
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS703-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AS703-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 20, 2023
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : SEPTEMBER 20, 2023
ANALYTICAL DATE : SEPTEMBER 20-24, 2023
REPORT NO. : 2023-U082498
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS703-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AS703-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 20, 2023
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 20, 2023
ANALYTICAL DATE : SEPTEMBER 20-24, 2023
REPORT NO. : 2023-U082499
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS703-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AS703-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 20, 2023
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : SEPTEMBER 20, 2023
ANALYTICAL DATE : SEPTEMBER 20-24, 2023
REPORT NO. : 2023-U082500
WORK NO. : 2023-004289
ANALYSIS NO. : T23AS703-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AS703-0002	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 28, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : SEPTEMBER 28, 2023
ANALYTICAL DATE : SEPTEMBER 28 - OCTOBER 7, 2023
REPORT NO. : 2023-U086387
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT323-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AT323-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 28, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : SEPTEMBER 28, 2023
ANALYTICAL DATE : SEPTEMBER 28 - OCTOBER 7, 2023
REPORT NO. : 2023-U086388
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT323-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AT323-0001	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

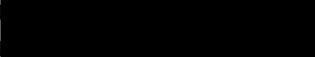

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 28, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : SEPTEMBER 28, 2023
ANALYTICAL DATE : SEPTEMBER 28 - OCTOBER 7, 2023
REPORT NO. : 2023-U086389
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT323-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AT323-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>23	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

OCTOBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 28, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 28, 2023
ANALYTICAL DATE : SEPTEMBER 28 - OCTOBER 7, 2023
REPORT NO. : 2023-U086390
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT323-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AT323-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 11, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 3, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : OCTOBER 3, 2023
ANALYTICAL DATE : OCTOBER 3-9, 2023
REPORT NO. : 2023-U087114
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT650-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AT650-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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OCTOBER 16, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 3, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : OCTOBER 3, 2023
ANALYTICAL DATE : OCTOBER 3-7, 2023
REPORT NO. : 2023-U087115
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT650-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AT650-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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LABORATORY SUPERVISOR

OCTOBER 16, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 3, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : OCTOBER 3, 2023
ANALYTICAL DATE : OCTOBER 3-9, 2023
REPORT NO. : 2023-U087116
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT650-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AT650-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION			COLOURLESS/CLEAR		
WATER'S COLOUR/TURBID SEDIMENT					

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

[REDACTED]

LABORATORY SUPERVISOR

OCTOBER 16, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 3, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : OCTOBER 3, 2023
ANALYTICAL DATE : OCTOBER 3-7, 2023
REPORT NO. : 2023-U087117
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT650-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AT650-0002	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 16, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 6, 2023
SAMPLING TIME : 1/
SAMPLING METHOD ^c : GRAB, GRAB AND STERLIE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : OCTOBER 6, 2023
ANALYTICAL DATE : OCTOBER 6-17, 2023
REPORT NO. : 2023-U088920
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT976-0001 - T23AT976-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 08:45 HOUR 1/ T23AT976-0001	2 08:50 HOUR 1/ T23AT976-0002		
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.5 (30°C)	6.6 (36°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	174	ND	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	225	9.3	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	294	650	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	9.0	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.74	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	25.0	< LOQ	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	22	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 08:45 HOUR 1/ T23AT976-0001	2 08:50 HOUR 1/ T23AT976-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	49	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	>160,000	23	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID		
SEDIMENT			BROWN	BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (บ่อปรับสมดุล)

RESULT 2 : EFFLUENT (บ่อสูบน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.



ND : NON-DETECTABLE.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN \geq 1.5 AND < 5.0 mg/L).

.....
[Redacted Signature]
LABORATORY SUPERVISOR

OCTOBER 20, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 6, 2023
SAMPLING TIME : 08:55 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : 
ANALYZED BY : 
RECEIVED DATE : OCTOBER 6, 2023
ANALYTICAL DATE : OCTOBER 6-17, 2023
REPORT NO. : 2023-U088142
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT976-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบายออก สู่ภายนอกโครงการ (ไม่พิกน้ำพร้อม ตะกอนลักษณะ) T23AT976-0003		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.2 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	ND	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	10.4	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	394	500*	25
SETTLEABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ ⁻ F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.



LABORATORY SUPERVISOR

OCTOBER 20, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : OCTOBER 6, 2023
SAMPLING TIME : 09:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : OCTOBER 6, 2023
ANALYTICAL DATE : OCTOBER 6-11, 2023
REPORT NO. : 2023-U088143
WORK NO. : 2023-004289
ANALYSIS NO. : T23AT976-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AT976-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	253	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR YELLOW	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



[REDACTED]

LABORATORY SUPERVISOR

OCTOBER 20, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 12, 2023
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : OCTOBER 12, 2023
ANALYTICAL DATE : OCTOBER 12-19, 2023
REPORT NO. : 2023-U089907
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU399-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AU399-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

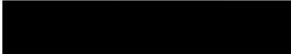

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 26, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 12, 2023
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : OCTOBER 12, 2023
ANALYTICAL DATE : OCTOBER 12-19, 2023
REPORT NO. : 2023-U089908
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU399-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AU399-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 26, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 12, 2023
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : OCTOBER 12, 2023
ANALYTICAL DATE : OCTOBER 12-19, 2023
REPORT NO. : 2023-U089909
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU399-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AU399-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION			COLOURLESS/CLEAR		
WATER'S COLOUR/TURBID SEDIMENT					

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 26, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 12, 2023
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : OCTOBER 12, 2023
ANALYTICAL DATE : OCTOBER 12-19, 2023
REPORT NO. : 2023-U089910
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU399-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AU399-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



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[REDACTED]
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LABORATORY SUPERVISOR

OCTOBER 26, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 18, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : OCTOBER 18, 2023
ANALYTICAL DATE : OCTOBER 18-24, 2023
REPORT NO. : 2023-U091731
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU668-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AU668-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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OCTOBER 31, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 18, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : OCTOBER 18, 2023
ANALYTICAL DATE : OCTOBER 18-21, 2023
REPORT NO. : 2023-U091732
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU668-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AU668-0001	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

OCTOBER 31, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 18, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : OCTOBER 18, 2023
ANALYTICAL DATE : OCTOBER 18-24, 2023
REPORT NO. : 2023-U091734
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU668-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AU668-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.


REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



OCTOBER 31, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 18, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY :

RECEIVED DATE : OCTOBER 18, 2023
ANALYTICAL DATE : OCTOBER 18-21, 2023
REPORT NO. : 2023-U091736
WORK NO. : 2023-004289
ANALYSIS NO. : T23AU668-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AU668-0002	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



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LABORATORY SUPERVISOR

OCTOBER 31, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 27, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : OCTOBER 27, 2023
ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 2, 2023
REPORT NO. : 2023-U095637
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV448-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AV448-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

NOVEMBER 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 27, 2023
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : OCTOBER 27, 2023
ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 1, 2023
REPORT NO. : 2023-U095638
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV448-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AV448-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

[REDACTED]

LABORATORY SUPERVISOR

NOVEMBER 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 27, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : OCTOBER 27, 2023
ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 2, 2023
REPORT NO. : 2023-U095639
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV448-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AV448-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

NOVEMBER 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 27, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : OCTOBER 27, 2023
ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 1, 2023
REPORT NO. : 2023-U095640
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV448-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนดิน T23AV448-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

NOVEMBER 9, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 2, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : NOVEMBER 2, 2023
ANALYTICAL DATE : NOVEMBER 2-8, 2023
REPORT NO. : 2023-U098150
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV791-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AV791-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

NOVEMBER 17, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 2, 2023
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 2, 2023
ANALYTICAL DATE : NOVEMBER 2-8, 2023
REPORT NO. : 2023-U098151
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV791-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AV791-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSO)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



NOVEMBER 17, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 2, 2023
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : NOVEMBER 2, 2023
ANALYTICAL DATE : NOVEMBER 2-8, 2023
REPORT NO. : 2023-U098152
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV791-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AV791-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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NOVEMBER 17, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 2, 2023
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 2, 2023
ANALYTICAL DATE : NOVEMBER 2-8, 2023
REPORT NO. : 2023-U098153
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV791-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AV791-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

[REDACTED]

LABORATORY SUPERVISOR

NOVEMBER 17, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 3, 2023
SAMPLING TIME : 1/
SAMPLING METHOD ^c : GRAB, GRAB AND STERILIE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : NOVEMBER 3, 2023
ANALYTICAL DATE : NOVEMBER 3-10, 2023
REPORT NO. : 2023-U097212
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV905-0001 - T23AV905-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 13:10 HOUR 1/ T23AV905-0001	2 13:20 HOUR 1/ T23AV905-0002		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (32°C)	7.6 (29°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	283	ND	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	55.8	25.9	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	308	610	500*	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	2.6	1.8	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	33.9	5.2	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	32	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 13:10 HOUR 1/ T23AV905-0001	2 13:20 HOUR 1/ T23AV905-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	>160,000	70	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221E)	>160,000	33	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID		
SEDIMENT			BROWN	BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (น้ำปรั้นสมดุล)

RESULT 2 : EFFLUENT (น้ำสูบนน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

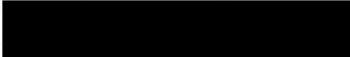

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.



NOVEMBER 14, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : NOVEMBER 3, 2023
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : NOVEMBER 3, 2023
ANALYTICAL DATE : NOVEMBER 3-9, 2023
REPORT NO. : 2023-U097213
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV905-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			นำหึ่งก่อนระบายนอก สู่ภายนอกโครงการ (ปล่อยน้ำพร้อม ตะกอนดักขยะ) T23AV905-0003		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.8 (28°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	ND	≤ 30	2.0
SUSPENDED SOLIDS ^c	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	340	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.



ND : NON-DETECTABLE.



NOVEMBER 14, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : NOVEMBER 3, 2023
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : NOVEMBER 3, 2023
ANALYTICAL DATE : NOVEMBER 3-8, 2023
REPORT NO. : 2023-U097214
WORK NO. : 2023-004289
ANALYSIS NO. : T23AV905-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AV905-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	168	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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LABORATORY SUPERVISOR

NOVEMBER 14, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 8, 2023
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : NOVEMBER 8, 2023
ANALYTICAL DATE : NOVEMBER 8-14, 2023
REPORT NO. : 2023-U099836
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW262-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AW262-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 8, 2023
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 8, 2023
ANALYTICAL DATE : NOVEMBER 8-14, 2023
REPORT NO. : 2023-U099837
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW262-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AW262-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 8, 2023
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 8, 2023
ANALYTICAL DATE : NOVEMBER 8-14, 2023
REPORT NO. : 2023-U099838
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW262-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AW262-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	3.6	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 8, 2023
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 8, 2023
ANALYTICAL DATE : NOVEMBER 8-14, 2023
REPORT NO. : 2023-U099839
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW262-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AW262-0002	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



[REDACTED]

LABORATORY SUPERVISOR

NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 14, 2023
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : NOVEMBER 14, 2023
ANALYTICAL DATE : NOVEMBER 14-19, 2023
REPORT NO. : 2023-U100096
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW707-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AW707-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 14, 2023
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : NOVEMBER 14, 2023
ANALYTICAL DATE : NOVEMBER 14-18, 2023
REPORT NO. : 2023-U100097
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW707-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AW707-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 14, 2023
SAMPLING TIME : 09:30 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : NOVEMBER 14, 2023
ANALYTICAL DATE : NOVEMBER 14-19, 2023
REPORT NO. : 2023-U100098
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW707-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AW707-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 14, 2023
SAMPLING TIME : 09:30 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : NOVEMBER 14, 2023
ANALYTICAL DATE : NOVEMBER 14-18, 2023
REPORT NO. : 2023-U100099
WORK NO. : 2023-004289
ANALYSIS NO. : T23AW707-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AW707-0002	
MICROBIOLOGY				
Staphylococcus aureus #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



[REDACTED]

LABORATORY SUPERVISOR

NOVEMBER 23, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 23, 2023
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : NOVEMBER 23, 2023
ANALYTICAL DATE : NOVEMBER 23-27, 2023
REPORT NO. : 2023-U102890
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX482-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AX482-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



NOVEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 23, 2023
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : NOVEMBER 23, 2023
ANALYTICAL DATE : NOVEMBER 23-26, 2023
REPORT NO. : 2023-U102891
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX482-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AX482-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSG)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



NOVEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 23, 2023
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : NOVEMBER 23, 2023
ANALYTICAL DATE : NOVEMBER 23-27, 2023
REPORT NO. : 2023-U102892
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX482-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AX482-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

NOVEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 23, 2023
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 23, 2023
ANALYTICAL DATE : NOVEMBER 23-26, 2023
REPORT NO. : 2023-U102893
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX482-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AX482-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

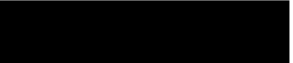

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LABORATORY SUPERVISOR

NOVEMBER 29, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 28, 2023
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : NOVEMBER 28, 2023
ANALYTICAL DATE : NOVEMBER 28 - DECEMBER 6, 2023
REPORT NO. : 2023-U106080
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX774-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AX774-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



DECEMBER 8, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 28, 2023
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 28, 2023
ANALYTICAL DATE : NOVEMBER 28 - DECEMBER 3, 2023
REPORT NO. : 2023-U106081
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX774-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AX774-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT				

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

DECEMBER 8, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 28, 2023
SAMPLING TIME : 15:10 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : NOVEMBER 28, 2023
ANALYTICAL DATE : NOVEMBER 28 - DECEMBER 6, 2023
REPORT NO. : 2023-U106082
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX774-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AX774-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

DECEMBER 8, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 28, 2023
SAMPLING TIME : 15:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : NOVEMBER 28, 2023
ANALYTICAL DATE : NOVEMBER 28 - DECEMBER 3, 2023
REPORT NO. : 2023-U106083
WORK NO. : 2023-004289
ANALYSIS NO. : T23AX774-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนต้น T23AX774-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

DECEMBER 8, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 9, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : DECEMBER 9, 2023
ANALYTICAL DATE : DECEMBER 9-13, 2023
REPORT NO. : 2023-U108168
WORK NO. : 2023-004289
ANALYSIS NO. : T23AY695-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AY695-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



DECEMBER 19, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 9, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : DECEMBER 9, 2023
ANALYTICAL DATE : DECEMBER 9-12, 2023
REPORT NO. : 2023-U108169
WORK NO. : 2023-004289
ANALYSIS NO. : T23AY695-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนลึก T23AY695-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSQ)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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[REDACTED]

DECEMBER 19, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 9, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : DECEMBER 9, 2023
ANALYTICAL DATE : DECEMBER 9-13, 2023
REPORT NO. : 2023-U108171
WORK NO. : 2023-004289
ANALYSIS NO. : T23AY695-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AY695-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

DECEMBER 19, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 9, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 

RECEIVED DATE : DECEMBER 9, 2023
ANALYTICAL DATE : DECEMBER 9-12, 2023
REPORT NO. : 2023-U108172
WORK NO. : 2023-004289
ANALYSIS NO. : T23AY695-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บริเวณส่วนดิน T23AY695-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

: ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)
* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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DECEMBER 19, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 11:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-21, 2023
REPORT NO. : 2023-U111055
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ035-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AZ035-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

DECEMBER 28, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 11:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]
RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-21, 2023
REPORT NO. : 2023-U111056
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ035-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AZ035-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION			COLOURLESS/CLEAR		
WATER'S COLOUR/TURBID SEDIMENT					

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

DECEMBER 28, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 1/
SAMPLING METHOD ° : GRAB, GRAB AND STERLIE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-21, 2023
REPORT NO. : 2023-U110599
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ034-0001 - T23AZ034-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 10:25 HOUR 1/ T23AZ034-0001	2 10:35 HOUR 1/ T23AZ034-0002		
pH °	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.0 (32°C)	7.0 (35°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	123	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	59.9	7.6	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	328	572	500*	25
SETTLABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.5	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN °	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	66.6	< LOQ	≤ 35	1.5
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	14	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 10:25 HOUR 1/ T23AZ034-0001	2 10:35 HOUR 1/ T23AZ034-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	35,000	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	>160,000	24,000	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID		
SEDIMENT			BROWN	BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (บ่อปรับสมดุล)

RESULT 2 : EFFLUENT (บ่อสูบน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

BIOCHEMICAL OXYGEN DEMAND (T23AZ034-0002) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).



ND : NON-DETECTABLE.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

LABORATORY SUPERVISOR

DECEMBER 27, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 10:45 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-20, 2023
REPORT NO. : 2023-U110600
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ034-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบายออก สู่ภายนอกโครงการ (บ่อบำบัดน้ำพร้อม ตะกอนแขวนลอย) T23AZ034-0003		
pH °	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103- 105 °C); SM: PART 2540 C	914	500*	25
SETTLABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.



ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

DECEMBER 27, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnsukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 10:50 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-20, 2023
REPORT NO. : 2023-U110601
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ034-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AZ034-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	196	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.



DECEMBER 27, 2023



ANALYSIS REPORT

CUSTOMER NAME	: QUINN SUKHUMVIT 101	RECEIVED DATE	: DECEMBER 14, 2023
ADDRESS	: 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260	ANALYTICAL DATE	: DECEMBER 14-21, 2023
CONTACT INFORMATION	: TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com	REPORT NO.	: 2023-U110599
SAMPLING SOURCE	: -	WORK NO.	: 2023-004289
SAMPLE TYPE	: WASTEWATER	ANALYSIS NO.	: T23AZ034-0001 - T23AZ034-0002
SAMPLING DATE	: DECEMBER 14, 2023		
SAMPLING TIME	: 1/		
SAMPLING METHOD °	: GRAB, GRAB AND STERLIE TECHNIQUE		
SAMPLING BY °	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 10:25 HOUR 1/ T23AZ034-0001	2 10:35 HOUR 1/ T23AZ034-0002		
pH °	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.0 (32°C)	7.0 (35°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	123	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	59.9	7.6	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	328	572	500*	25
SETTLABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.5	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN °	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	66.6	< LOQ	≤ 35	1.5
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	14	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 10:25 HOUR 1/ T23AZ034-0001	2 10:35 HOUR 1/ T23AZ034-0002		
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	35,000	-	1.8
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	>160,000	24,000	-	1.8
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID		
SEDIMENT			BROWN	BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

RESULT 1 : INFLUENT (บ่อปรับสมดุล)

RESULT 2 : EFFLUENT (บ่อสูบน้ำใส)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

BIOCHEMICAL OXYGEN DEMAND (T23AZ034-0002) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

ND : NON-DETECTABLE.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

DECEMBER 27, 2023

ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 10:45 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-20, 2023
REPORT NO. : 2023-U110600
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ034-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้งก่อนระบายออก สู่ภายนอกโครงการ (บ่อบำบัดน้ำพร้อม ตะกอนแขวนลอย) T23AZ034-0003		
pH °	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	ND	≤ 30	2.0
SUSPENDED SOLIDS °	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 40	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103- 105 °C); SM: PART 2540 C	914	500*	25
SETTLABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ - F)	< 0.50	≤ 1.0	0.50
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

DECEMBER 27, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : DECEMBER 14, 2023
SAMPLING TIME : 10:50 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : DECEMBER 14, 2023
ANALYTICAL DATE : DECEMBER 14-20, 2023
REPORT NO. : 2023-U110601
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ034-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AZ034-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	196	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED



SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

LABORATORY SUPERVISOR

DECEMBER 27, 2023



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnssukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 23, 2023
SAMPLING TIME : 15:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 23, 2023
ANALYTICAL DATE : DECEMBER 23-29, 2023
REPORT NO. : 2024-U001004
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ879-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23AZ879-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



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JANUARY 5, 2024



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 23, 2023
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : DECEMBER 23, 2023
ANALYTICAL DATE : DECEMBER 23-29, 2023
REPORT NO. : 2024-U001005
WORK NO. : 2023-004289
ANALYSIS NO. : T23AZ879-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23AZ879-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

JANUARY 5, 2024



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinnasukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 26, 2023
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : DECEMBER 26, 2023
ANALYTICAL DATE : DECEMBER 26-31, 2023
REPORT NO. : 2024-U000991
WORK NO. : 2023-004289
ANALYSIS NO. : T23BA050-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนลึก T23BA050-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



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[REDACTED SIGNATURE]
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LABORATORY SUPERVISOR

JANUARY 5, 2024



ANALYSIS REPORT

CUSTOMER NAME : QUINN SUKHUMVIT 101
ADDRESS : 3099 SOI SUKHUMVIT 101 SUKHUMVIT ROAD BANG CHAK PHRA KHANONG BANGKOK 10260
CONTACT INFORMATION : TEL : 0 2107 0761, 06 1387 0388 e-mail : quinn sukumvit101@gmail.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 26, 2023
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 26, 2023
ANALYTICAL DATE : DECEMBER 26-31, 2023
REPORT NO. : 2024-U000992
WORK NO. : 2023-004289
ANALYSIS NO. : T23BA050-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			บริเวณส่วนต้น T23BA050-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



LABORATORY SUPERVISOR

JANUARY 5, 2024

