

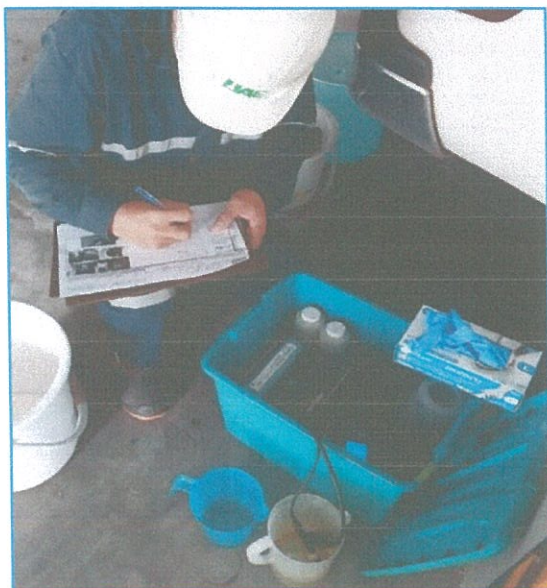
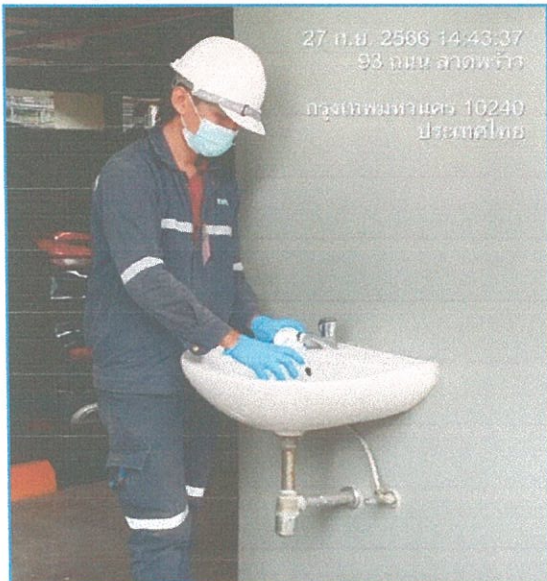
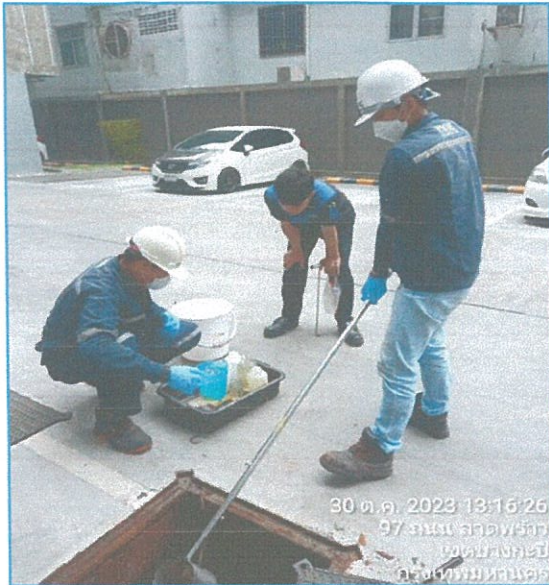
ภาคผนวก 11

ผลการติดตามตรวจวัดคุณภาพสิ่งแวดล้อม

ภาคผนวก 11

ผลการติดตามตรวจวัดคุณภาพสิ่งแวดล้อม

ผลการติดตามตรวจวัดคุณภาพสิ่งแวดล้อม



ผลการตรวจวัดคุณภาพน้ำภายในโครงการ

ผลการตรวจวัดคุณภาพน้ำภายในโครงการ



United Analyst and Engineering Consultant Co., Ltd.
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Tel: 0 2763 2828 Fax: 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 17, 2023
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR. ACHITA SAENGJAN
ANALYZED BY : MISS NAPAPORN KHUNNOKICHUM

RECEIVED DATE : JULY 17, 2023
ANALYTICAL DATE : JULY 17-24, 2023
REPORT NO. : 2023-U061698
WORK NO. : 2023-000474
ANALYSIS NO. : T23AN672-0001 - T23AN672-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:20 HOUR U/ T23AN672-0001	2 14:00 HOUR U/ T23AN672-0002		
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM PART 4500-H ⁺ B)	7.8 (34°C)	7.8 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O G)	163	104	≤ 30	20
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	83.8	23.2	≤ 40	50
TOTAL DISSOLVED SOLIDS ^c	mg/L	IN-HOUSE METHOD: UAE TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM PART 2540 C	411	384	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM PART 2540 F)	3.0	< 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	37.4	29.2	≤ 35	15

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:20 HOUR / TZ3AN672-0001	2 14:00 HOUR / TZ3AN672-0002		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	ND	≤ 20	3
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

RESULT 2 : EFFLUENT

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.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

JULY 26, 2023



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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JULY 17, 2023
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD ^a : GRAB
SAMPLING BY ^c : MR. ACHITA SAENGJAN
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JULY 17, 2023
ANALYTICAL DATE : JULY 17-20, 2023
REPORT NO. : 2023-U061699
WORK NO. : 2023-000474
ANALYSIS NO. : T23AN672-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AN672-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM. PART 2540 C)	230	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)

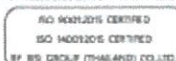
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS. PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

JULY 26, 2023



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ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOT LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@theivings.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 30, 2023
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR PEERAPAT BANYATSIN
ANALYZED BY : MISS NAPAPORN KHUNNOCKHUM

RECEIVED DATE : AUGUST 30, 2023
ANALYTICAL DATE : AUGUST 30-SEPTEMBER 7, 2023
REPORT NO. : 2023-U074941
WORK NO. : 2023-000474
ANALYSIS NO. : T23AQ939-0001 - T23AQ939-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:50 HOUR U/ T23AQ939-0001	2 14:00 HOUR U/ T23AQ939-0002		
pH ^a	-	ELECTROMETRIC METHOD AT SITE (SM PART 4500-H ⁺ B)	7.6 (31°C)	7.6 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500 O G)	218	69.2	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	96.2	19.9	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^a	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM PART 2540 C	303	420	500*	25
SETTLABLE SOLIDS ^a	mL/L	IMHOFF CONE (SM PART 2540 F)	5.0	< 0.1	≤ 0.5	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	5.9	< 0.50	≤ 10	0.50
TOTAL KJELDAHL NITROGEN ^a	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM PART 4500-Norg C	87.5	33.9	≤ 35	15

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:50 HOUR U/ T23AQ939-0001	2 14:40 HOUR U/ T23AQ939-0002		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM. PART 5520 B)	NS	ND	≤ 20	3
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

RESULT 2 : EFFLUENT

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.

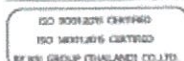
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

SEPTEMBER 8, 2023



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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : AUGUST 30, 2023
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR PEERAPAT BANYATSI
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : AUGUST 30, 2023
ANALYTICAL DATE : AUGUST 30-SEPTEMBER 1, 2023
REPORT NO. : 2023-U074942
WORK NO. : 2023-000474
ANALYSIS NO. : T23AQ939-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AQ939-0003	
TOTAL DISSOLVED SOLIDS ^a	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM. PART 2540 C)	242	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)

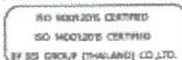
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

SEPTEMBER 8, 2023



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ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 27, 2023
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : SEPTEMBER 27, 2023
ANALYTICAL DATE : SEPTEMBER 27-OCTOBER 4, 2023
REPORT NO. : 2023-U085115
WORK NO. : 2023-000474
ANALYSIS NO. : T23AT227-0001 - T23AT227-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:40 HOUR 1/ T23AT227-0001	2 14:37 HOUR 1/ T23AT227-0002		
pH ^a	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.1 (31°C)	7.2 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	412	157	≤ 30	20
SUSPENDED SOLIDS ^b	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	37.8	22.8	≤ 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	308	369	500 ^c	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 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	28.2	26.1	≤ 35	15

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:00 HOUR L/ T23AT227-0001	2 14:37 HOUR L/ T23AT227-0002		
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	ND	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID 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.

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

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

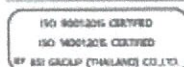
500° : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

OCTOBER 6, 2023



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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uae@uaconsultant.com



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : SEPTEMBER 27, 2023
SAMPLING TIME : 14:45 HOUR
SAMPLING METHOD ^a : GRAB
SAMPLING BY ^a : MR. ANUSART SUAYDEE
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : SEPTEMBER 27, 2023
ANALYTICAL DATE : SEPTEMBER 27-29, 2023
REPORT NO. : 2023-U085116
WORK NO. : 2023-000474
ANALYSIS NO. : T23AT227-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AT227-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM PART 2540 C)	195	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)

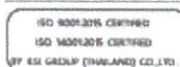
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

OCTOBER 6, 2023



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NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE PRESIDENT SUKHUMVIT BUILDING A
ADDRESS : NO 2079 SUKHUMVIT ROAD PHRA KHANONG NUEA WATTANA BANGKOK 10110
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6958 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรม ชลบุรี เรดซีเมนต์ สุขาวิท อาคาร A
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 27, 2023
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR PORAWORN BUNNAG
ANALYZED BY : MISS AKSARIN BUNKONG
RECEIVED DATE : OCTOBER 27, 2023
ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 3, 2023
REPORT NO. : 2023-U094659
WORK NO. : 2022-010682
ANALYSIS NO. : T23AV383-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AV383-0001		
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM PART 4500-H ⁺ B)	7.9 (3°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O G)	7.1	≤ 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	304	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
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD), SM PART 4500-Norg C	7.2	≤ 35	1.5
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.

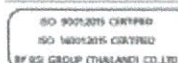
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

NOVEMBER 5, 2023



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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uaec@uaec consultant.com



NSC-TISI-TIS 17025
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TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 13:20 HOUR +/- T23AVS32-0001	2 13:15 HOUR +/- T23AVS32-0002		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	7	ND	≤ 20	3
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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

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.130 SPECIAL PART 171 D, DATED JULY 21, 2022.

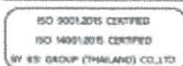
500^d : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

NOVEMBER 8, 2023



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2023-U095544

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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE PRESIDENT SUKHUMVIT BUILDING A
ADDRESS : NO 2079 SUKHUMVIT ROAD PHRA KHANONG NUJA WATTHANA BANGKOK 10110
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : บึงคุดฉิมธารหมู่ ๕ และ เพรสซิเดนซ์ สุขุมวิท อาคาร A
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : OCTOBER 27, 2023
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR PORAWORN BUNNAG
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : OCTOBER 27, 2023
ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 3, 2023
REPORT NO. : 2023-U094660
WORK NO. : 2022-010682
ANALYSIS NO. : T23AV383-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AV383-0002	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	149	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)

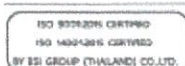
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023



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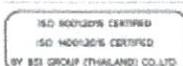


TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KH-LONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 28, 2023
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR APISIT SRIKONGKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : NOVEMBER 28, 2023
ANALYTICAL DATE : NOVEMBER 28 - DECEMBER 4, 2023
REPORT NO. : 2023-U105245
WORK NO. : 2023-000474
ANALYSIS NO. : T23AX747-0001 - T23AX747-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 09:00 HOUR 1/ T23AX747-0001	2 08:45 HOUR 1/ T23AX747-0002		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H ⁺ B AND 1060 B	7.5 (29°C)	7.9 (29°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O G)	100	20.6	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	48.3	50.1	≤ 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	390	344	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM PART 2540 F)	0.1	< 0.1	≤ 0.5	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM PART 4500-S ² F)	3.2	< 0.50	≤ 10	0.50
TOTAL KJELDAHL NITROGEN ^o	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD) SM PART 4500-Norg C	73.2	13.3	≤ 35	1.5



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TESTING
No. 0093

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 09:00 HOUR 1/ T23AX747-0001	2 08:45 HOUR 1/ T23AX747-0002		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	8	ND	≤ 20	3
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

RESULT 2 : EFFLUENT

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.

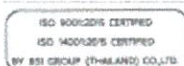
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

DECEMBER 8, 2023



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Tel. 0 2763 2826 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHILONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : THE CUBE LOFT LADPRAO 107
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : NOVEMBER 28, 2023
SAMPLING TIME : 08:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR APISIT SRIKONGKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : NOVEMBER 28, 2023
ANALYTICAL DATE : NOVEMBER 28-29, 2023
REPORT NO. : 2023-U105246
WORK NO. : 2023-000474
ANALYSIS NO. : T23AX747-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AX747-0003	
TOTAL DISSOLVED SOLIDS ^a	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM. PART 2540 C)	184	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)

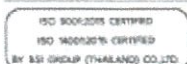
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

DECEMBER 8, 2023



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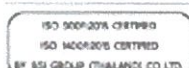


TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHLONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingas.com
SAMPLING SOURCE : คู่มือการควบคุมอาคารชุด เดอะคิวบ์ ลอฟท์ ลาดพร้าว 107
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 20, 2023
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR MANIT PANCHOT
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : DECEMBER 20, 2023
ANALYTICAL DATE : DECEMBER 20-27, 2023
REPORT NO. : 2023-U113000
WORK NO. : 2023-000474
ANALYSIS NO. : T23AZ509-0001 - T23AZ509-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 09:00 HOUR LT T23AZ509-0001	2 08:50 HOUR LT T23AZ509-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H ⁺ B AND 1060 B	7.0 (30°C)	7.2 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^b	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O ₂ G)	209	40.8	≤ 30	20
SUSPENDED SOLIDS ^b	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	141	44.0	≤ 40	50
TOTAL DISSOLVED SOLIDS ^c	mg/L	IN-HOUSE METHOD: UAE TP WAO 007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C) SM PART 2540 C	478	392	500*	25
SETTLABLE SOLIDS ^d	mL/L	IMHOFF CONE (SM PART 2540 F)	2.5	< 0.1	≤ 0.5	0.1
SULPHIDE ^e	mg/L	IODOMETRIC METHOD (SM PART 4500-S ²⁻ F)	3.3	< 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	89.5	25.4	≤ 35	15



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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 13:45 HOUR / T23A1081-0001	2 13:35 HOUR / T23A1081-0002		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	54	ND	≤ 20	3
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

RESULT 2 : EFFLUENT

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.

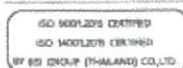
500^o : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

JUNE 26, 2023



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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : THE CUBE LOFT LADPRAO 107
ADDRESS : NO. 54 THE CUBE LOFT LADPRAO 107 SOI LADPRAO 107 LAT PHRAO ROAD KHILONG CHAN BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรมลาดพร้าว เดอะคิวบ์ ลอฟท์ ลาดพร้าว 107
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : DECEMBER 20, 2023
SAMPLING TIME : 09:10 HOUR
SAMPLING METHOD^a : GRAB
SAMPLING BY^c : MR MANIT PANCHOT
ANALYZED BY : MISS NAPORN KHUNNOKKHUM
RECEIVED DATE : DECEMBER 20, 2023
ANALYTICAL DATE : DECEMBER 20-27, 2023
REPORT NO. : 2023-U113001
WORK NO. : 2023-000474
ANALYSIS NO. : T23AZ509-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AZ509-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM PART 2540 C)	229	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)

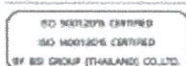
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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LABORATORY SUPERVISOR

DECEMBER 28, 2023



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- End of Analysis Report -