ภาคผนวก ค

ใบรายงานผลการวิเคราะห์คุณภาพน้ำ

ภาคผนวก ค-1
ใบรายงานผลการวิเคราะห์คุณภาพน้ำเสียและน้ำทิ้ง

United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
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 : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 24, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JULY 24, 2025
ANALYTICAL DATE : JULY 24 - AUGUST 4, 2025
ISSUE DATE : AUGUST 4, 2025
REPORT NO. : 2025-U070385
WORK NO. : 2024-012465
ANALYSIS NO. : T25AQ241-0001 - T25AQ241-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 11:00 HOUR 1/ T25AQ241-0001	2 11:05 HOUR 1/ T25AQ241-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (30.2°C)	6.9 (31.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	94.8	64.0	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	31.5	35.4	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	354	361	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.8	< 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	88.1	12.7	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	13	< 3	≤ 20	-	3

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LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 11:00 HOUR 1/ T25AQ241-0001	2 11:05 HOUR 1/ T25AQ241-0002			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	35,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร A

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร A

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025
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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 24, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JULY 24, 2025
ANALYTICAL DATE : JULY 24 - AUGUST 4, 2025
ISSUE DATE : AUGUST 4, 2025
REPORT NO. : 2025-U070386
WORK NO. : 2024-012465
ANALYSIS NO. : T25AQ241-0003 - T25AQ241-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:25 HOUR 1/ T25AQ241-0003	2 10:20 HOUR 1/ T25AQ241-0004			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.9 (29.5°C)	6.8 (32.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	222	46.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	115	31.2	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	317	423	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	3.0	< 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	82.4	21.6	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	23	< 3	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:25 HOUR 1/ T25AQ241-0003	2 10:20 HOUR 1/ T25AQ241-0004			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร B

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร B

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 24, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JULY 24, 2025
ANALYTICAL DATE : JULY 24 - AUGUST 4, 2025
ISSUE DATE : AUGUST 4, 2025
REPORT NO. : 2025-U070387
WORK NO. : 2024-012465
ANALYSIS NO. : T25AQ241-0005 - T25AQ241-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:40 HOUR 1/ T25AQ241-0005	2 10:35 HOUR 1/ T25AQ241-0006			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (29.3°C)	7.3 (30.5°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	152	59.1	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	68.8	60.6	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	308	291	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	1.7	< 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	83.0	78.4	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	8	5	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:40 HOUR 1/ T25AQ241-0005	2 10:35 HOUR 1/ T25AQ241-0006			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร C

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร C

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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2025-U070387

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JULY 24, 2025
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JULY 24, 2025
ANALYTICAL DATE : JULY 24 - AUGUST 4, 2025
ISSUE DATE : AUGUST 4, 2025
REPORT NO. : 2025-U070388
WORK NO. : 2024-012465
ANALYSIS NO. : T25AQ241-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำทิ้งสุดท้าย ก่อนระบายออกสู่ท่อระบายน้ำสาธารณะ T25AQ241-0007	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.0 (30.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	3.3	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	324	≤ 1,000	-	25
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	10.2	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	24,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]
(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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TESTING 0207

LABORATORY ACCREDITATION
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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26 - SEPTEMBER 2, 2025
ISSUE DATE : SEPTEMBER 4, 2025
REPORT NO. : 2025-U079960
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0001 - T25AS607-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:30 HOUR 1/ T25AS607-0001	2 13:26 HOUR 1/ T25AS607-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.6 (32.1°C)	6.3 (31.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	79.4	66.9	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	69.4	27.2	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	396	336	≤ 1,000	-	25
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	14.1	12.7	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:30 HOUR 1/ T25AS607-0001	2 13:26 HOUR 1/ T25AS607-0002			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	92,000	92,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร A

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร A

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025
TESTING 0207
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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26 - SEPTEMBER 2, 2025
ISSUE DATE : SEPTEMBER 4, 2025
REPORT NO. : 2025-U079961
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0003 - T25AS607-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:59 HOUR 1/ T25AS607-0003	2 13:53 HOUR 1/ T25AS607-0004			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.1 (29.4°C)	6.2 (31.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	166	40.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	71.8	29.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	266	346	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	1.9	< 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	75.9	27.5	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	16	< 3	≤ 20	-	3

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:59 HOUR 1/ T25AS607-0003	2 13:53 HOUR 1/ T25AS607-0004			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร B

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร B

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26 - SEPTEMBER 2, 2025
ISSUE DATE : SEPTEMBER 4, 2025
REPORT NO. : 2025-U079962
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0005 - T25AS607-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:15 HOUR 1/ T25AS607-0005	2 14:10 HOUR 1/ T25AS607-0006			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (29.4°C)	7.4 (30.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	177	45.1	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	60.6	70.4	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	298	310	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	1.6	< 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	84.1	77.8	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	9	< 3	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:15 HOUR 1/ T25AS607-0005	2 14:10 HOUR 1/ T25AS607-0006			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร C

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร C

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 13:17 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26 - SEPTEMBER 4, 2025
ISSUE DATE : SEPTEMBER 4, 2025
REPORT NO. : 2025-U079963
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำทิ้งสุดท้าย ก่อนระบายออกสู่ท่อระบายน้ำสาธารณะ T25AS607-0007	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.7 (31.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	10.6	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	8.4	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	216	≤ 1,000	-	25
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	15.0	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 23, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : SEPTEMBER 23, 2025
ANALYTICAL DATE : SEPTEMBER 23-30, 2025
ISSUE DATE : OCTOBER 1, 2025
REPORT NO. : 2025-U088996
WORK NO. : 2024-012465
ANALYSIS NO. : T25AV380-0001 - T25AV380-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:20 HOUR 1/ T25AV380-0001	2 09:10 HOUR 1/ T25AV380-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.9 (31.7°C)	6.3 (31.0°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	86.6	69.3	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	88.4	63.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	409	365	≤ 1,000	-	25
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	23.6	18.2	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:20 HOUR 1/ T25AV380-0001	2 09:10 HOUR 1/ T25AV380-0002			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร A

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร A

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 23, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : SEPTEMBER 23, 2025
ANALYTICAL DATE : SEPTEMBER 23-30, 2025
ISSUE DATE : OCTOBER 1, 2025
REPORT NO. : 2025-U088997
WORK NO. : 2024-012465
ANALYSIS NO. : T25AV380-0003 - T25AV380-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:25 HOUR 1/ T25AV380-0003	2 09:50 HOUR 1/ T25AV380-0004			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.5 (29.8°C)	6.4 (31.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	151	54.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	46.6	17.6	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	327	382	≤ 1,000	-	25
SULPHIDE[c]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	5.4	< 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	78.4	17.3	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:25 HOUR 1/ T25AV380-0003	2 09:50 HOUR 1/ T25AV380-0004			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	7,900	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID			
SEDIMENT			BROWN	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 NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร B
RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร B
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]
(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025
TESTING 0207
LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 23, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : SEPTEMBER 23, 2025
ANALYTICAL DATE : SEPTEMBER 23-30, 2025
ISSUE DATE : OCTOBER 1, 2025
REPORT NO. : 2025-U088998
WORK NO. : 2024-012465
ANALYSIS NO. : T25AV380-0005 - T25AV380-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:43 HOUR 1/ T25AV380-0005	2 09:40 HOUR 1/ T25AV380-0006			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.8 (29.4°C)	7.2 (30.0°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	172	58.2	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	123	94.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	329	279	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.9	< 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	79.6	79.0	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3

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LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:43 HOUR 1/ T25AV380-0005	2 09:40 HOUR 1/ T25AV380-0006			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID			
SEDIMENT			BROWN	YELLOW			

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร C

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร C

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : EFFLUENT
SAMPLING DATE : SEPTEMBER 23, 2025
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : SEPTEMBER 23, 2025
ANALYTICAL DATE : SEPTEMBER 23-30, 2025
ISSUE DATE : OCTOBER 1, 2025
REPORT NO. : 2025-U088999
WORK NO. : 2024-012465
ANALYSIS NO. : T25AV380-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำทิ้งสุดท้าย ก่อนระบายออกสู่ท่อระบายน้ำสาธารณะ T25AV380-0007	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.6 (30.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	8.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	7.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	272	≤ 1,000	-	25
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	12.3	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	35,000	-	1.8	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 YELLOW/TURBID YELLOW			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : OCTOBER 21, 2025
ANALYTICAL DATE : OCTOBER 21-30, 2025
ISSUE DATE : OCTOBER 30, 2025
REPORT NO. : 2025-U098841
WORK NO. : 2024-012465
ANALYSIS NO. : T25AX863-0001 - T25AX863-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:35 HOUR 1/ T25AX863-0001	2 10:30 HOUR 1/ T25AX863-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (29.9°C)	6.8 (27.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	79.4	36.2	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	25.7	71.0	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	342	378	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.6	< 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	86.5	10.2	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:35 HOUR 1/ T25AX863-0001	2 10:30 HOUR 1/ T25AX863-0002			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	>160,000	35,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร A

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร A

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

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ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : OCTOBER 21, 2025
ANALYTICAL DATE : OCTOBER 21-30, 2025
ISSUE DATE : OCTOBER 30, 2025
REPORT NO. : 2025-U098842
WORK NO. : 2024-012465
ANALYSIS NO. : T25AX863-0003 - T25AX863-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:20 HOUR 1/ T25AX863-0003	2 10:15 HOUR 1/ T25AX863-0004			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.1 (30.0°C)	7.4 (29.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	169	16.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	42.2	10.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	324	327	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.8	< 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	82.5	19.4	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	< 3	≤ 20	-	3

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:20 HOUR 1/ T25AX863-0003	2 10:15 HOUR 1/ T25AX863-0004			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	54,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร B

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร B

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

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LABORATORY SUPERVISOR

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2025-U098842

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TESTING 0207
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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : OCTOBER 21, 2025
ANALYTICAL DATE : OCTOBER 21-30, 2025
ISSUE DATE : OCTOBER 30, 2025
REPORT NO. : 2025-U098843
WORK NO. : 2024-012465
ANALYSIS NO. : T25AX863-0005 - T25AX863-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:05 HOUR 1/ T25AX863-0005	2 10:00 HOUR 1/ T25AX863-0006			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (30.1°C)	7.4 (30.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	171	50.0	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	63.6	78.6	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	317	323	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.2	< 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	85.9	13.2	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	9	< 3	≤ 20	-	3

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

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BLA-DSS
TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:05 HOUR 1/ T25AX863-0005	2 10:00 HOUR 1/ T25AX863-0006			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร C

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร C

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 10:45 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : OCTOBER 21, 2025
ANALYTICAL DATE : OCTOBER 21-30, 2025
ISSUE DATE : OCTOBER 30, 2025
REPORT NO. : 2025-U098844
WORK NO. : 2024-012465
ANALYSIS NO. : T25AX863-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำทิ้งสุดท้าย ก่อนระบายออกสู่ท่อระบายน้ำสาธารณะ T25AX863-0007	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (30.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	20.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	11.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	303	≤ 1,000	-	25
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	26.8	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	24,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 19, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR NAPAT TEMEYABUTR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : NOVEMBER 19, 2025
ANALYTICAL DATE : NOVEMBER 19-26, 2025
ISSUE DATE : NOVEMBER 27, 2025
REPORT NO. : 2025-U108575
WORK NO. : 2024-012465
ANALYSIS NO. : T25BA226-0001 - T25BA226-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:15 HOUR 1/ T25BA226-0001	2 10:10 HOUR 1/ T25BA226-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (29.3°C)	7.8 (30.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	61.2	13.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	40.5	29.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	338	326	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.7	< 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	98.7	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:15 HOUR 1/ T25BA226-0001	2 10:10 HOUR 1/ T25BA226-0002			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	7,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร A

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร A

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 19, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR NAPAT TEMEYABUTR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : NOVEMBER 19, 2025
ANALYTICAL DATE : NOVEMBER 19-26, 2025
ISSUE DATE : NOVEMBER 27, 2025
REPORT NO. : 2025-U108576
WORK NO. : 2024-012465
ANALYSIS NO. : T25BA226-0003 - T25BA226-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:55 HOUR 1/ T25BA226-0003	2 10:00 HOUR 1/ T25BA226-0004			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (28.1°C)	7.1 (31.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	160	29.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	78.4	29.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	298	331	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.3	< 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	86.7	10.6	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	< 3	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:55 HOUR 1/ T25BA226-0003	2 10:00 HOUR 1/ T25BA226-0004			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	4,900	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร B

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร B

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 19, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR NAPAT TEMEYABUTR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : NOVEMBER 19, 2025
ANALYTICAL DATE : NOVEMBER 19-26, 2025
ISSUE DATE : NOVEMBER 27, 2025
REPORT NO. : 2025-U108579
WORK NO. : 2024-012465
ANALYSIS NO. : T25BA226-0005 - T25BA226-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:50 HOUR 1/ T25BA226-0005	2 09:45 HOUR 1/ T25BA226-0006			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (28.0°C)	7.5 (28.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	175	44.0	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	47.1	74.2	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	337	290	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.6	< 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	80.9	81.5	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	9	3	≤ 20	-	3

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:50 HOUR 1/ T25BA226-0005	2 09:45 HOUR 1/ T25BA226-0006			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร C

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร C

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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2025-U108579

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United Analyst and Engineering Consultant Co., Ltd.
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NSC -TISI -TIS 17025
TESTING 0207
TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : EFFLUENT
SAMPLING DATE : NOVEMBER 19, 2025
SAMPLING TIME : 10:30 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR NAPAT TEMEYABUTR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : NOVEMBER 19, 2025
ANALYTICAL DATE : NOVEMBER 19-26, 2025
ISSUE DATE : NOVEMBER 27, 2025
REPORT NO. : 2025-U108580
WORK NO. : 2024-012465
ANALYSIS NO. : T25BA226-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำทิ้งสุดท้าย ก่อนระบายออกสู่ท่อระบายน้ำสาธารณะ T25BA226-0007	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (29.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	9.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	9.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	302	≤ 1,000	-	25
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	24.8	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	490	-	1.8	-
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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]
(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ISO 14001 Environmental Management CERTIFIED
ISO 45001 Occupational Health and Safety Management CERTIFIED

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NSC -TISI -TIS 17025
TESTING 0207
LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KANAPON KIRANON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24, 2025-JANUARY 6, 2026
ISSUE DATE : JANUARY 12, 2026
REPORT NO. : 2026-U001562
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0001 - T25BD164-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:20 HOUR 1/ T25BD164-0001	2 10:15 HOUR 1/ T25BD164-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.4 (31.4°C)	6.9 (31.0°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	60.3	34.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	25.8	31.3	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	250	372	≤ 1,000	-	25
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	12.2	8.7	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3

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LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:20 HOUR 1/ T25BD164-0001	2 10:15 HOUR 1/ T25BD164-0002			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	54,000	17,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร A

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร A

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

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LABORATORY SUPERVISOR

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2026-U001562

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LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KANAPON KIRANON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24, 2025-JANUARY 6, 2026
ISSUE DATE : JANUARY 12, 2026
REPORT NO. : 2026-U001563
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0003 - T25BD164-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:10 HOUR 1/ T25BD164-0003	2 10:05 HOUR 1/ T25BD164-0004			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (31.6°C)	7.2 (31.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	105	65.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	20.9	22.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	238	357	≤ 1,000	-	25
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	19.1	16.1	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:10 HOUR 1/ T25BD164-0003	2 10:05 HOUR 1/ T25BD164-0004			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	24,000	92,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร B

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร B

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KANAPON KIRANON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24, 2025-JANUARY 6, 2026
ISSUE DATE : JANUARY 12, 2026
REPORT NO. : 2026-U001564
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0005 - T25BD164-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:00 HOUR 1/ T25BD164-0005	2 09:55 HOUR 1/ T25BD164-0006			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.6 (28.8°C)	7.8 (29.5°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	66.9	49.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	40.5	58.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	207	310	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	0.56	< 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	79.0	83.8	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	10	4	≤ 20	-	3

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:00 HOUR 1/ T25BD164-0005	2 09:55 HOUR 1/ T25BD164-0006			
MICROBIOLOGY							
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย อาคาร C

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย อาคาร C

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KANAPON KIRANON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24, 2025-JANUARY 6, 2026
ISSUE DATE : JANUARY 12, 2026
REPORT NO. : 2026-U001565
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำทิ้งสุดท้าย ก่อนระบายออกสู่ท่อระบายน้ำสาธารณะ T25BD164-0007	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (29.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	10.3	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	14.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	344	≤ 1,000	-	25
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	25.7	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	7,900	-	1.8	-
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)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[redacted]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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ภาคผนวก ค-2
ใบรายงานผลการวิเคราะห์คุณภาพน้ำสระว่ายน้ำ

United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 24, 2025
SAMPLING TIME : 10:45 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : JULY 24, 2025
ANALYTICAL DATE : JULY 24-31, 2025
ISSUE DATE : AUGUST 5, 2025
REPORT NO. : 2025-U070392
WORK NO. : 2024-012465
ANALYSIS NO. : T25AQ241-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื้น T25AQ241-0009	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	1.1	< 10	1.1	-
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR			
SEDIMENT			-			

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: JULY 24, 2025
SAMPLING DATE	: JULY 24, 2025	**ANALYTICAL DATE**	: JULY 24-29, 2025
SAMPLING TIME	: 10:45 HOUR	**ISSUE DATE**	: AUGUST 5, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U070393
SAMPLING BY *	: MR WEERAYUT MOKKAEW	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS BUSSAKORN MAJAI	**ANALYSIS NO.**	: T25AQ241-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื้น T25AQ241-0009	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 24, 2025
SAMPLING TIME : 10:48 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : JULY 24, 2025
ANALYTICAL DATE : JULY 24-31, 2025
ISSUE DATE : AUGUST 5, 2025
REPORT NO. : 2025-U070394
WORK NO. : 2024-012465
ANALYSIS NO. : T25AQ241-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AQ241-0010	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	1.1	< 10	1.1	-
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR			
SEDIMENT			-			

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: JULY 24, 2025
SAMPLING DATE	: JULY 24, 2025	**ANALYTICAL DATE**	: JULY 24-29, 2025
SAMPLING TIME	: 10:48 HOUR	**ISSUE DATE**	: AUGUST 5, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U070395
SAMPLING BY *	: MR WEERAYUT MOKKAEW	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS BUSSAKORN MAJAI	**ANALYSIS NO.**	: T25AQ241-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AQ241-0010	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

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ANALYSIS REPORT

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SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 13:41 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS JITSAMON NGAMKANA

RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26-31, 2025
ISSUE DATE : SEPTEMBER 5, 2025
REPORT NO. : 2025-U079965
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื้น T25AS607-0009	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
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SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 13:41 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS JITSAMON NGAMKANA

RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26-29, 2025
ISSUE DATE : SEPTEMBER 5, 2025
REPORT NO. : 2025-U079966
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนตื้น T25AS607-0009	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

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(MISS CHAWEEWAN BOONLA)
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ANALYSIS REPORT

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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: AUGUST 26, 2025
SAMPLING DATE	: AUGUST 26, 2025	**ANALYTICAL DATE**	: AUGUST 26-31, 2025
SAMPLING TIME	: 13:42 HOUR	**ISSUE DATE**	: SEPTEMBER 5, 2025
SAMPLING METHOD [c]	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U079967
SAMPLING BY [c]	: MR KRIDSANAPONG NAMTHIP	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS JITSAMON NGAMKANA	**ANALYSIS NO.**	: T25AS607-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AS607-0010	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
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SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 26, 2025
SAMPLING TIME : 13:42 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS JITSAMON NGAMKANA

RECEIVED DATE : AUGUST 26, 2025
ANALYTICAL DATE : AUGUST 26-29, 2025
ISSUE DATE : SEPTEMBER 5, 2025
REPORT NO. : 2025-U079968
WORK NO. : 2024-012465
ANALYSIS NO. : T25AS607-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AS607-0010	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	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.

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 23, 2025
SAMPLING TIME : 09:32 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR PHATSAWUT THOSAKOON
ANALYZED BY : MR NUTTACHOK LAKHAMMOON
RECEIVED DATE : SEPTEMBER 23, 2025
ANALYTICAL DATE : SEPTEMBER 23-26, 2025
ISSUE DATE : OCTOBER 1, 2025
REPORT NO. : 2025-U089001
WORK NO. : 2024-012465
ANALYSIS NO. : T25AV380-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนตื้น T25AV380-0009	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: SEPTEMBER 23, 2025
SAMPLING DATE	: SEPTEMBER 23, 2025	**ANALYTICAL DATE**	: SEPTEMBER 23-26, 2025
SAMPLING TIME	: 09:32 HOUR	**ISSUE DATE**	: OCTOBER 1, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U089002
SAMPLING BY *	: MR PHATSAWUT THOSAKOON	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR NUTTACHOK LAKHAMMOON	**ANALYSIS NO.**	: T25AV380-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื้น T25AV380-0009	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

[redacted]

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

TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 23, 2025
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR PHATSAWUT THOSAKOON
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : SEPTEMBER 23, 2025
ANALYTICAL DATE : SEPTEMBER 23-26, 2025
ISSUE DATE : OCTOBER 1, 2025
REPORT NO. : 2025-U089003
WORK NO. : 2024-012465
ANALYSIS NO. : T25AV380-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AV380-0010	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]

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LABORATORY SUPERVISOR

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ANALYSIS REPORT

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ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: SEPTEMBER 23, 2025
SAMPLING DATE	: SEPTEMBER 23, 2025	**ANALYTICAL DATE**	: SEPTEMBER 23-26, 2025
SAMPLING TIME	: 09:35 HOUR	**ISSUE DATE**	: OCTOBER 1, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U089004
SAMPLING BY *	: MR PHATSAWUT THOSAKOON	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR NUTTACHOK LAKHAMMOON	**ANALYSIS NO.**	: T25AV380-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AV380-0010	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

[redacted]

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
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SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : OCTOBER 21, 2025
ANALYTICAL DATE : OCTOBER 21-26, 2025
ISSUE DATE : OCTOBER 31, 2025
REPORT NO. : 2025-U098846
WORK NO. : 2024-012465
ANALYSIS NO. : T25AX863-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนตื้น T25AX863-0009	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ISO 45001 Occupational Health and Safety Management CERTIFIED

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Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: OCTOBER 21, 2025
SAMPLING DATE	: OCTOBER 21, 2025	**ANALYTICAL DATE**	: OCTOBER 21-24, 2025
SAMPLING TIME	: 09:45 HOUR	**ISSUE DATE**	: OCTOBER 31, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U098847
SAMPLING BY *	: MR CHOKCHAI PHUMSAWAI	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR NUTTACHOK LAKHAMMOON	**ANALYSIS NO.**	: T25AX863-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนตื้น T25AX863-0009	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MR NUTTACHOK LAKHAMMOON
RECEIVED DATE : OCTOBER 21, 2025
ANALYTICAL DATE : OCTOBER 21-26, 2025
ISSUE DATE : OCTOBER 31, 2025
REPORT NO. : 2025-U098848
WORK NO. : 2024-012465
ANALYSIS NO. : T25AX863-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AX863-0010	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: OCTOBER 21, 2025
SAMPLING DATE	: OCTOBER 21, 2025	**ANALYTICAL DATE**	: OCTOBER 21-24, 2025
SAMPLING TIME	: 09:50 HOUR	**ISSUE DATE**	: OCTOBER 31, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U098849
SAMPLING BY *	: MR CHOKCHAI PHUMSAWAI	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR NUTTACHOK LAKHAMMOON	**ANALYSIS NO.**	: T25AX863-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25AX863-0010	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

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

[redacted]

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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 19, 2025
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR NAPAT TEMEYABUTR
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : NOVEMBER 19, 2025
ANALYTICAL DATE : NOVEMBER 19-24, 2025
ISSUE DATE : NOVEMBER 28, 2025
REPORT NO. : 2025-U108582
WORK NO. : 2024-012465
ANALYSIS NO. : T25BA226-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดิ้น T25BA226-0009	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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

ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: NOVEMBER 19, 2025
SAMPLING DATE	: NOVEMBER 19, 2025	**ANALYTICAL DATE**	: NOVEMBER 19-23, 2025
SAMPLING TIME	: 09:35 HOUR	**ISSUE DATE**	: NOVEMBER 28, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U108584
SAMPLING BY *	: MR NAPAT TEMEYABUTR	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR NUTTACHOK LAKHAMMOON	**ANALYSIS NO.**	: T25BA226-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื้น T25BA226-0009	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 19, 2025
SAMPLING TIME : 09:40 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR NAPAT TEMEYABUTR
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : NOVEMBER 19, 2025
ANALYTICAL DATE : NOVEMBER 19-24, 2025
ISSUE DATE : NOVEMBER 28, 2025
REPORT NO. : 2025-U108586
WORK NO. : 2024-012465
ANALYSIS NO. : T25BA226-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25BA226-0010	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

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(MISS CHAWEEWAN BOONLA)
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ANALYSIS REPORT

CUSTOMER NAME	: CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM		
ADDRESS	: 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150		
CONTACT INFORMATION	: TEL : 09 5921 8107 e-mail : uniotk2@gmail.com		
SAMPLING SOURCE	: นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม		
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: NOVEMBER 19, 2025
SAMPLING DATE	: NOVEMBER 19, 2025	**ANALYTICAL DATE**	: NOVEMBER 19-23, 2025
SAMPLING TIME	: 09:40 HOUR	**ISSUE DATE**	: NOVEMBER 28, 2025
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2025-U108588
SAMPLING BY *	: MR NAPAT TEMEYABUTR	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR NUTTACHOK LAKHAMMOON	**ANALYSIS NO.**	: T25BA226-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25BA226-0010	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

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

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD [c] : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR KANAPON KIRANON
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24, 2025-JANUARY 6, 2026
ISSUE DATE : JANUARY 9, 2026
REPORT NO. : 2026-U001567
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื่น T25BD164-0009	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
TOTAL ALKALINITY[c]	mg/L as $CaCO_3$	TITRATION METHOD (SM: PART 2320 B)	14.2	80-100	-	-
CALCIUM HARDNESS[c]	mg/L as $CaCO_3$	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	116	250-600	1.0	4.0
CHLORIDE[c]	mg/L Cl^-	ARGENTOMETRIC METHOD (SM: 4500 -Cl^- B)	1,937	≤ 600	0.5	2.0
AMMONIA[c]	mg/L NH_3	PHENATE METHOD (SM: PART 4500-NH_3 F)	ND	≤ 20	0.04	0.15
NITRATE[c]	mg/L NO_3^-	CADMIUM REDUCTION METHOD (SM: PART 4500-NO_3^- E)	23.1	≤ 50	0.09	0.50
CYANURIC ACID[c]	mg/L	TURBIDIMETRIC METHOD	23	30-60	1	5
COMBINED CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.5-1.0	0.1	-
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1	-
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-

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

TESTING
No.0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื่น T25BD164-0009	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR			
SEDIMENT			-			

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

ND : NOT DETECTED.

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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

ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: DECEMBER 24, 2025
SAMPLING DATE	: DECEMBER 24, 2025	**ANALYTICAL DATE**	: DECEMBER 24-27, 2025
SAMPLING TIME	: 09:50 HOUR	**ISSUE DATE**	: JANUARY 9, 2026
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U001609
SAMPLING BY *	: MR KANAPON KIRANON	**WORK NO.**	: 2024-012465
ANALYZED BY	: MR RATCHATA THONGPIYAPOOM	**ANALYSIS NO.**	: T25BD164-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนดื้น T25BD164-0009	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 09:47 HOUR
SAMPLING METHOD [c] : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR KANAPON KIRANON
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24, 2025-JANUARY 6, 2026
ISSUE DATE : JANUARY 9, 2026
REPORT NO. : 2026-U001611
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25BD164-0010	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
TOTAL ALKALINITY[c]	mg/L as $CaCO_3$	TITRATION METHOD (SM: PART 2320 B)	13.2	80-100	-	-
CALCIUM HARDNESS[c]	mg/L as $CaCO_3$	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	117	250-600	1.0	4.0
CHLORIDE[c]	mg/L Cl^-	ARGENTOMETRIC METHOD (SM: 4500 -Cl^- B)	1,927	≤ 600	0.5	2.0
AMMONIA[c]	mg/L NH_3	PHENATE METHOD (SM: PART 4500-NH_3 F)	ND	≤ 20	0.04	0.15
NITRATE[c]	mg/L NO_3^-	CADMIUM REDUCTION METHOD (SM: PART 4500-NO_3^- E)	26.2	≤ 50	0.09	0.50
CYANURIC ACID[c]	mg/L	TURBIDIMETRIC METHOD	26	30-60	1	5
COMBINED CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.5-1.0	0.1	-
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1	-
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25BD164-0010	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR			
SEDIMENT			-			

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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ND : NOT DETECTED.

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ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 24, 2025
SAMPLING TIME : 09:47 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR KANAPON KIRANON
ANALYZED BY : MR RATCHATA THONGPIYAPOOM
RECEIVED DATE : DECEMBER 24, 2025
ANALYTICAL DATE : DECEMBER 24-27, 2025
ISSUE DATE : JANUARY 9, 2026
REPORT NO. : 2026-U001616
WORK NO. : 2024-012465
ANALYSIS NO. : T25BD164-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT สระว่ายน้ำ ส่วนลึก T25BD164-0010	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

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

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ใบรายงานผลการวิเคราะห์คุณภาพน้ำประปา

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TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : CONDOMINIUM JURISTIC PERSON UNIO RAMA 2-TAKHAM
ADDRESS : 15/729 SOI TAKHAM RAMA 2 SAMAE DAM BANG KHUN THIAN BANGKOK 10150
CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SUPPLY	**RECEIVED DATE**	: JULY 24, 2025
SAMPLING DATE	: JULY 24, 2025	**ANALYTICAL DATE**	: JULY 24-30, 2025
SAMPLING TIME	: 10:55 HOUR	**ISSUE DATE**	: AUGUST 4, 2025
SAMPLING METHOD [c]	: GRAB	**REPORT NO.**	: 2025-U070390
SAMPLING BY [c]	: MR WEERAYUT MOKKAEW	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	**ANALYSIS NO.**	: T25AQ241-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T25AQ241-0008	
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	123	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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(MISS WILAILAK SRISUK)
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SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SUPPLY	**RECEIVED DATE**	: AUGUST 26, 2025
SAMPLING DATE	: AUGUST 26, 2025	**ANALYTICAL DATE**	: AUGUST 26 - SEPTEMBER 2, 2025
SAMPLING TIME	: 13:44 HOUR	**ISSUE DATE**	: SEPTEMBER 4, 2025
SAMPLING METHOD [c]	: GRAB	**REPORT NO.**	: 2025-U079964
SAMPLING BY [c]	: MR KRIDSANAPONG NAMTHIP	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	**ANALYSIS NO.**	: T25AS607-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T25AS607-0008	
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	117	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SUPPLY	**RECEIVED DATE**	: SEPTEMBER 23, 2025
SAMPLING DATE	: SEPTEMBER 23, 2025	**ANALYTICAL DATE**	: SEPTEMBER 23-26, 2025
SAMPLING TIME	: 09:30 HOUR	**ISSUE DATE**	: OCTOBER 1, 2025
SAMPLING METHOD [c]	: GRAB	**REPORT NO.**	: 2025-U089000
SAMPLING BY [c]	: MR PHATSAWUT THOSAKOON	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	**ANALYSIS NO.**	: T25AV380-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T25AV380-0008	
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	114	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SUPPLY	**RECEIVED DATE**	: OCTOBER 21, 2025
SAMPLING DATE	: OCTOBER 21, 2025	**ANALYTICAL DATE**	: OCTOBER 21-29, 2025
SAMPLING TIME	: 09:55 HOUR	**ISSUE DATE**	: OCTOBER 30, 2025
SAMPLING METHOD [c]	: GRAB	**REPORT NO.**	: 2025-U098845
SAMPLING BY [c]	: MR CHOKCHAI PHUMSAWAI	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	**ANALYSIS NO.**	: T25AX863-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T25AX863-0008	
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	128	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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CONTACT INFORMATION	: TEL : 09 5921 8107 e-mail : uniotk2@gmail.com		
SAMPLING SOURCE	: นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม		
SAMPLE TYPE	: WATER SUPPLY	**RECEIVED DATE**	: NOVEMBER 19, 2025
SAMPLING DATE	: NOVEMBER 19, 2025	**ANALYTICAL DATE**	: NOVEMBER 19-24, 2025
SAMPLING TIME	: 10:20 HOUR	**ISSUE DATE**	: NOVEMBER 27, 2025
SAMPLING METHOD [c]	: GRAB	**REPORT NO.**	: 2025-U108581
SAMPLING BY [c]	: MR NAPAT TEMEYABUTR	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	**ANALYSIS NO.**	: T25BA226-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T25BA226-0008	
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	105	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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

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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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CONTACT INFORMATION : TEL : 09 5921 8107 e-mail : uniotk2@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ยูนิโอ พระราม 2-ท่าข้าม

SAMPLE TYPE	: WATER SUPPLY	**RECEIVED DATE**	: DECEMBER 24, 2025
SAMPLING DATE	: DECEMBER 24, 2025	**ANALYTICAL DATE**	: DECEMBER 24-30, 2025
SAMPLING TIME	: 09:45 HOUR	**ISSUE DATE**	: JANUARY 12, 2026
SAMPLING METHOD [c]	: GRAB	**REPORT NO.**	: 2026-U001566
SAMPLING BY [c]	: MR KANAPON KIRANON	**WORK NO.**	: 2024-012465
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	**ANALYSIS NO.**	: T25BD164-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T25BD164-0008	
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	152	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

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