

ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : SIAM CHEMICALS PUBLIC COMPANY
SAMPLE TYPE : GROUNDWATER
MEASURING DATE : DECEMBER 26, 2023
MEASURING TIME : 14:05 HOUR
SAMPLING METHOD : SUBMERSIBLE PUMP
MEASURED BY : MR WEERAYUT MOKKAEW

RECEIVED DATE : -
ANALYTICAL DATE : -
REPORT NO. : 2024-U003587
WORK NO. : 2023-009752
ANALYSIS NO. : T23BA047-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			MW1 (โรงผลิต) T23BA047-0001	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	6.9 (29°C)	-
TEMPERATURE	°C	THERMOMETER AT SITE (SM: PART 2550 B)	29	-
ELECTRICAL CONDUCTIVITY	µS/cm	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2510 B)	11,290 (29°C)	0.1
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2520 B)	9.1	0.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID YELLOW	

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

Theerawat Chomming.

(MR THEERAWAT CHOMMING)
LABORATORY SUPERVISOR

JANUARY 15, 2024



ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : SIAM CHEMICALS PUBLIC COMPANY
SAMPLE TYPE : GROUNDWATER
MEASURING DATE : DECEMBER 26, 2023
MEASURING TIME : 13:50 HOUR
SAMPLING METHOD : SUBMERSIBLE PUMP
MEASURED BY : MR WEERAYUT MOKKAEW

RECEIVED DATE : -
ANALYTICAL DATE : -
REPORT NO. : 2024-U003588
WORK NO. : 2023-009752
ANALYSIS NO. : T23BA047-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			MW2 (โรงผลิต) T23BA047-0002	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	6.4 (33°C)	-
TEMPERATURE	°C	THERMOMETER AT SITE (SM: PART 2550 B)	33	-
ELECTRICAL CONDUCTIVITY	µS/cm	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2510 B)	6,690 (32°C)	0.1
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2520 B)	5.8	0.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW	

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Theerawat Chomming.

(MR THEERAWAT CHOMMING)
LABORATORY SUPERVISOR

JANUARY 15, 2024



ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : SIAM CHEMICALS PUBLIC COMPANY
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : DECEMBER 26, 2023
SAMPLING TIME : 13:08 HOUR
SAMPLING METHOD : SUBMERSIBLE PUMP
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS WORAKON PADSONGCHAN

RECEIVED DATE : DECEMBER 26, 2023
ANALYTICAL DATE : DECEMBER 26, 2023-JANUARY 10, 2024
REPORT NO. : 2024-U003589
WORK NO. : 2023-009752
ANALYSIS NO. : T23BA047-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MW1 (โรงงาน) T23BA047-0003			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (30°C)	-	-	-
TEMPERATURE ^c	°C	THERMOMETER AT SITE (SM: PART 2550 B)	30	-	-	-
ELECTRICAL CONDUCTIVITY ^c	µS/cm	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2510 B)	2,210 (30°C)	-	0.1	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2520 B)	1.8	-	0.1	-
TOTAL PETROLEUM HYDROCARBON*						
TPH (C ₅ -C ₉) ^c	mg/L	PURGE AND TRAP/GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 5030C AND 8015D)	ND	≤ 14	0.040	-
TPH (C ₈ -C ₁₀) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	≤ 1.7	0.016	-
TPH (C ₁₀ -C ₃₅) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	≤ 0.1	0.042	-
VOLATILE ORGANIC COMPOUNDS						
ACETONE ^c	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0010	≤ 230	-	0.0010
TOLUENE ^a	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0002	≤ 5.0	-	0.0002



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MW1 (โรงงาน) T23BA047-0003			
XYLENE (TOTAL) ^a	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0006	≤ 24	-	0.0006
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BLACK			

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

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

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

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF INDUSTRY IN PRESCRIBING THE CRITERIA ON CONTAMINATION IN SOIL AND GROUNDWATER, THE EXAMINATION OF SOIL AND GROUNDWATER QUALITY, INFORMATION INCLUDING MAKING THE REPORT OF THE RESULT OF SOIL AND GROUNDWATER QUALITY EXAMINATION, AND THE REPORT WHICH SHALL BE PROPOSED THE MEASUREMENT TO CONTROL AND REDUCE THE CONTAMINATION IN SOIL AND GROUNDWATER B.E. 2559 (2016), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL.133, SPECIAL PART 275D DATED NOVEMBER 29, B.E.2559 (2016).

* : SEE ADDITIONAL ANALYSIS REPORT

ND : NON-DETECTABLE.

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

JANUARY 12, 2024

ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : SIAM CHEMICALS PUBLIC COMPANY
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : DECEMBER 26, 2023
SAMPLING TIME : 13:20 HOUR
SAMPLING METHOD : SUBMERSIBLE PUMP
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS WORAKON PADSONGCHAN
RECEIVED DATE : DECEMBER 26, 2023
ANALYTICAL DATE : DECEMBER 26, 2023-JANUARY 10, 2024
REPORT NO. : 2024-U003590
WORK NO. : 2023-009752
ANALYSIS NO. : T23BA047-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MW2 (โรงบำบัด) T23BA047-0004			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (3°C)	-	-	-
TEMPERATURE ^c	°C	THERMOMETER AT SITE (SM: PART 2550 B)	31	-	-	-
ELECTRICAL CONDUCTIVITY ^c	µS/cm	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2510 B)	7,670 (3°C)	-	0.1	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2520 B)	6.4	-	0.1	-
TOTAL PETROLEUM HYDROCARBON*						
TPH (C ₅ -C ₉) ^c	mg/L	PURGE AND TRAP/GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 5030C AND 8015D)	ND	≤ 1.4	0.040	-
TPH (C ₆ -C ₁₀) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	≤ 1.7	0.016	-
TPH (C ₁₀ -C ₃₅) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	≤ 0.1	0.042	-
VOLATILE ORGANIC COMPOUNDS						
ACETONE ^c	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0010	≤ 230	-	0.0010
TOLUENE ^a	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0002	≤ 5.0	-	0.0002



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MW2 (โรงงาน) T23BA047-0004			
XYLENE (TOTAL) ^a	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0006	≤ 24	-	0.0006
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BLACK			

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

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

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF INDUSTRY IN PRESCRIBING THE CRITERIA ON CONTAMINATION IN SOIL AND GROUNDWATER, THE EXAMINATION OF SOIL AND GROUNDWATER QUALITY, INFORMATION INCLUDING MAKING THE REPORT OF THE RESULT OF SOIL AND GROUNDWATER QUALITY EXAMINATION, AND THE REPORT WHICH SHALL BE PROPOSED THE MEASUREMENT TO CONTROL AND REDUCE THE CONTAMINATION IN SOIL AND GROUNDWATER B.E. 2559 (2016), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL.133, SPECIAL PART 275D DATED NOVEMBER 29, B.E.2559 (2016).

* : SEE ADDITIONAL ANALYSIS REPORT

ND : NON-DETECTABLE.

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

JANUARY 12, 2024

ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : SIAM CHEMICALS PUBLIC COMPANY
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : DECEMBER 26, 2023
SAMPLING TIME : 13:35 HOUR
SAMPLING METHOD : SUBMERSIBLE PUMP
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS WORAKON PADSONGCHAN
RECEIVED DATE : DECEMBER 26, 2023
ANALYTICAL DATE : DECEMBER 26, 2023-JANUARY 10, 2024
REPORT NO. : 2024-U003591
WORK NO. : 2023-009752
ANALYSIS NO. : T23BA047-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MW3 (โรงงาน) T23BA047-0005			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (32°C)	-	-	-
TEMPERATURE ^c	°C	THERMOMETER AT SITE (SM: PART 2550 B)	32	-	-	-
ELECTRICAL CONDUCTIVITY ^c	µS/cm	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2510 B)	4,240 (32°C)	-	0.1	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD AT SITE (SM: PART 2520 B)	3.6	-	0.1	-
TOTAL PETROLEUM HYDROCARBON*						
TPH (C ₅ -C ₈) ^c	mg/L	PURGE AND TRAP/GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 5030C AND 8015D)	ND	≤ 1.4	0.040	-
TPH (C ₉ -C ₁₀) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	≤ 1.7	0.016	-
TPH (C ₁₁ -C ₃₅) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	≤ 0.1	0.042	-
VOLATILE ORGANIC COMPOUNDS						
ACETONE ^c	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0010	≤ 230	-	0.0010
TOLUENE ^a	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0002	≤ 5.0	-	0.0002



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MW3 (โรงบำบัด) T23BA047-0005			
XYLENE (TOTAL) ^a	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0006	≤ 24	-	0.0006
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)

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* : SEE ADDITIONAL ANALYSIS REPORT

ND : NON-DETECTABLE.

Benjawan V.

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LABORATORY SUPERVISOR

JANUARY 12, 2024

ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : BLANK (GROUNDWATER) **RECEIVED DATE** : DECEMBER 26, 2023
SAMPLING DATE : - **ANALYTICAL DATE** : DECEMBER 26, 2023-JANUARY 10, 2024
SAMPLING TIME : - **REPORT NO.** : 2024-U003592
SAMPLING METHOD : - **WORK NO.** : 2023-009752
SAMPLING BY : - **ANALYSIS NO.** : 2023-TB1249
ANALYZED BY : MISS WORAKON PADSONGCHAN

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			TRIP BLANK 2023-TB1249		
TOTAL PETROLEUM HYDROCARBON*					
TPH (C ₅ -C ₈)	mg/L	PURGE AND TRAP/GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 5030C AND 8015D)	ND	0.040	-
TPH (C ₈ -C ₁₆)	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	0.016	-
TPH (C ₁₆ -C ₃₆)	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	0.042	-
VOLATILE ORGANIC COMPOUNDS					
ACETONE	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0010	-	0.0010
TOLUENE	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0002	-	0.0002
XYLENE (TOTAL)	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0006	-	0.0006
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
* : SEE ADDITIONAL ANALYSIS REPORT
ND : NON-DETECTABLE.

Benjawan V.

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LABORATORY SUPERVISOR

JANUARY 12, 2024



ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : BLANK (GROUNDWATER) **RECEIVED DATE** : DECEMBER 26, 2023
SAMPLING DATE : - **ANALYTICAL DATE** : DECEMBER 26, 2023-JANUARY 10, 2024
SAMPLING TIME : - **REPORT NO.** : 2024-U003593
SAMPLING METHOD : - **WORK NO.** : 2023-009752
SAMPLING BY : - **ANALYSIS NO.** : 2023-EB0249
ANALYZED BY : MISS WORAKON PADSONGCHAN

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			EQUIPMENT BLANK 2023-EB0249		
TOTAL PETROLEUM HYDROCARBON*					
TPH (C ₅ -C ₈)	mg/L	PURGE AND TRAP/GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 5030C AND 8015D)	ND	0.040	-
TPH (C ₈ -C ₁₆)	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	0.016	-
TPH (C ₁₆ -C ₃₅)	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	0.042	-
VOLATILE ORGANIC COMPOUNDS					
ACETONE	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0010	-	0.0010
TOLUENE	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0002	-	0.0002
XYLENE (TOTAL)	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0006	-	0.0006
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
* : SEE ADDITIONAL ANALYSIS REPORT
ND : NON-DETECTABLE.

Benjawan V.

(MISS BENJAWAN VIRIYOTHA)
LABORATORY SUPERVISOR

JANUARY 12, 2024



ANALYSIS REPORT

CUSTOMER NAME : SIAM CHEMICALS PUBLIC COMPANY
ADDRESS : 196 MOO 1 SUK SAWAT ROAD PAK KHLONG BANG PLA KOT PHRA SAMUT CHEDI SAMUT PRAKAN 10290
CONTACT INFORMATION : TEL : 06 2374 2691 e-mail : safetyofficer@siamchemicals.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : BLANK (GROUNDWATER)
SAMPLING DATE : -
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : -
ANALYZED BY : MISS WORAKON PADSONGCHAN

RECEIVED DATE : DECEMBER 26, 2023
ANALYTICAL DATE : DECEMBER 26, 2023-JANUARY 10, 2024
REPORT NO. : 2024-U003609
WORK NO. : 2023-009752
ANALYSIS NO. : 2023-FB1307

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			FIELD BLANK 2023-FB1307		
TOTAL PETROLEUM HYDROCARBON*					
TPH (C ₅ -C ₈)	mg/L	PURGE AND TRAP/GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 5030C AND 8015D)	ND	0.040	-
TPH (C ₈ -C ₁₅)	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	0.016	-
TPH (C ₁₆ -C ₃₅)	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	0.042	-
VOLATILE ORGANIC COMPOUNDS					
ACETONE	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0010	-	0.0010
TOLUENE	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0002	-	0.0002
XYLENE (TOTAL)	mg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.0006	-	0.0006
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

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

* : SEE ADDITIONAL ANALYSIS REPORT

ND : NON-DETECTABLE.

Benjawan V.

(MISS BENJAWAN VIRIYOTHAJ)
LABORATORY SUPERVISOR

JANUARY 12, 2024

