



Request No. ATR6608013

Report No. 6608-0196

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
 ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150
 SAMPLE SOURCE : EOEG Plant
 SAMPLE NAME : F-1801A (Waste Water Holding Pit (F-1801))
 SAMPLING DATE : 08/08/2023 SAMPLE NO. : A66080196
 RECEIVED DATE : 15/08/2023 SAMPLING TIME : 07:57-19:57
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.05 L/min TESTED DATE : 15/08/2023-22/08/2023
 Serial No. 218385 REPORTED DATE : 22/08/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Formaldehyde	Sorbent Adsorption, Gas	< 0.43	0.92	mg·m ³
	Chromatography/NIOSH 2541	< 0.35	0.75	ppm

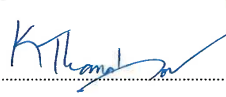
REMARK:

¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

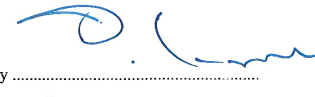
GPS = Sampling at UTM 47 P 730930E 1404791N

Examined By 
(Miss Thanatporn Klinsoon)

22/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)

22/08/2023

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Request No. ATR6608013

Report No. 6608-0198

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
 ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150
 SAMPLE SOURCE : EOEG Plant
 SAMPLE NAME : U-550
 SAMPLING DATE : 08/08/2023 SAMPLE NO. : A66080198
 RECEIVED DATE : 15/08/2023 SAMPLING TIME : 07:25-19:25
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 15/08/2023-17/08/2023
 Serial No. 20200403072 REPORTED DATE : 17/08/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Sodium Hydroxide	Filtration Acid Base Titrimetric Method	< 0.4	2.0	mg/m ³
		< 0.2	1.2	ppm


REMARK:

¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

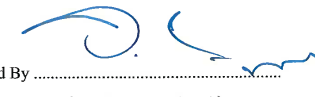
GPS = Sampling at UTM 47 P 731113E 1404853N

Examined By 
(Miss Thanatporn Klinsoon)

17/08/2023



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Approved By 
(Mr. Kawee Suthasub)

17/08/2023

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Request No. ATR6608013

Report No. 6608-0197

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
 ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150
 SAMPLE SOURCE : EOEG Plant
 SAMPLE NAME : U-550
 SAMPLING DATE : 08/08/2023 SAMPLE NO. : A66080197
 RECEIVED DATE : 15/08/2023 SAMPLING TIME : 07:25-19:25
 SAMPLING INSTRUMENT : Personal Pump Flow rate 2.00 L/min TESTED DATE : 15/08/2023-16/08/2023
 Serial No. 20211102099 REPORTED DATE : 16/08/2023


PARAMETER*	TEST METHOD	RESULT	STD ¹⁾	UNIT
Sulfuric acid	Ion Chromatography Method (NIOSH7908)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm

REMARK: ¹⁾ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)


GPS = Sampling at UTM 47 P 731113E 1404853N

Examined By 
(Miss Thanatporm Klinsoopon)

16/08/2023



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Approved By 
(Mr. Kawee Suthasub)

16/08/2023

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Request No. ATR6608013

Report No. 6608-0199

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
 ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150
 SAMPLE SOURCE : EOEG Plant
 SAMPLE NAME : F-970 (ข้าง G-970B)
 SAMPLING DATE : 08/08/2023 SAMPLE NO. : A66080199
 RECEIVED DATE : 15/08/2023 SAMPLING TIME : 07:59-19:59
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 15/08/2023-17/08/2023
 Serial No. 20211103003 REPORTED DATE : 17/08/2023


PARAMETER*	TEST METHOD	RESULT	STD ¹⁾	UNIT
Sodium Hydroxide	Filtration Acid Base Titrimetric Method	< 0.4	2.0	mg/m ³
		< 0.2	1.2	ppm

REMARK: ¹⁾ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

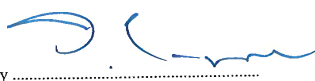
GPS = Sampling at UTM 47 P 730984E 1404838N

Examined By 
(Miss Thanatporm Klinsoopon)

17/08/2023



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Approved By 
(Mr. Kawee Suthasub)

17/08/2023

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Request No. ATR6608013

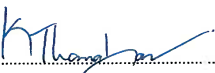
Report No. 6608-0201

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150
SAMPLE SOURCE : EOEG Plant
SAMPLE NAME : RO Unit (Waste Water Pretreatment Unit)
SAMPLING DATE : 08/08/2023 SAMPLE NO. : A66080201
RECEIVED DATE : 15/08/2023 SAMPLING TIME : 08:00-20:00
SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 15/08/2023-17/08/2023
Serial No. 20200403073 REPORTED DATE : 17/08/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Sodium Hydroxide	Filtration Acid Base Titrimetric Method	< 0.4	2.0	mg/m ³
		< 0.2	1.2	ppm


REMARK: ¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.
(Sampling By Mr. Aocha Khwansirimongkon)
GPS = Sampling at UTM 47 P 730958E 1404830N

Examined By 
(Miss Thanatporn Klinsoopon)

17/08/2023



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Approved By 
(Mr. Kawee Suthasub)

17/08/2023

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Request No. ATR6608013

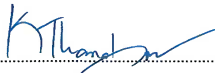
Report No. 6608-0200

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150
SAMPLE SOURCE : EOEG Plant
SAMPLE NAME : Cooling
SAMPLING DATE : 08/08/2023 SAMPLE NO. : A66080200
RECEIVED DATE : 15/08/2023 SAMPLING TIME : 08:05-20:05
SAMPLING INSTRUMENT : Personal Pump Flow rate 2.00 L/min TESTED DATE : 15/08/2023-16/08/2023
Serial No. 20180903093 REPORTED DATE : 16/08/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Sulfuric acid	Ion Chromatography Method (NIOSH7908)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm


REMARK: ¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.
(Sampling By Mr. Aocha Khwansirimongkon)
GPS = Sampling at UTM 47 P 730887E 1404880N

Examined By 
(Miss Thanatporn Klinsoopon)

16/08/2023



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Approved By 
(Mr. Kawee Suthasub)

16/08/2023

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Request No. ATR6611014

Report No. 6611-0220

TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16
ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map
Ta Phut, Amphur Muang Rayong, Rayong 21150
SAMPLE SOURCE : EOEG Plant
SAMPLE NAME : F-1801A (Waste Water Holding Pit (F-1801))
SAMPLING DATE : 06/11/2023 SAMPLE NO. : A66110220
RECEIVED DATE : 08/11/2023 SAMPLING TIME : 08:25-20:25
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.05 L/min TESTED DATE : 08/11/2023-13/11/2023
Serial No. 218412 REPORTED DATE : 15/11/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Formaldehyde	Sorbent Adsorption, Gas	< 0.43	0.92	mg/m ³
	Chromatography/NIOSH 2541	< 0.35	0.75	ppm

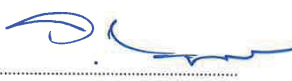
REMARK: ¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
No.0202-03-2564-0005.
(Sampling By Mr. Suttha Songthaninai)
GPS = Sampling at UTM 47 P 730930E 1404791N

Examined By 
(Miss Thanatporm Klinsoopon)

15/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)

15/11/2023

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