



Analysis/Test Report

Private Laboratory Registration 3-๒๓๘

Customer Name : Amari Orchid Pattaya

Address : Pattaya, Chonburi

Sample Type : Waste Water

Sampling Method : Grab

Sampling Date : 25/01/2023

Receive Date : 26/01/2023

Analytical Date : 26/01/2023

Report Date : 31/01/2023

Report No. : WT0510166001

Parameter	Unit	Method**	0242/01/23	0243/01/23	Standard ***
			Influent	Effluent	
*pH	-	Electrometric Method	7.0	7.1	5.5-9.0
*BOD	mg/L	APHA: 4500-O(C)5210 B	77	11	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	58	19	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	438	368	<500
Oil & Grease	mg/L	APHA: 5520 B	5.6	ND	<20
Settleable Solids	mg/L	Imhoff Cone	40.5	<0.1	<0.5
Sulfide	mg/L	APHA: 4500-S(F)	1.6	ND	<1.0
TKN	mg/L	APHA: 4500-Norg(B)	39.4	16.4	<35
Sample Condition		Observation	sediment Turbidity/ gray	Light Yellow	

Remark :

- (1)* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Works
- (2)** Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017
- (3)*** Pollution Control Department, Ministry of Natural Resources and environmental BE.2548, Thailand for wastewater analysis

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(Miss.Phitsinee Phetcharut)

Analyst

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31/01/2023



Siripen

(Mrs.Siripen Vitethap)

Laboratory Supervisor

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31/01/2023

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Orchid Pattaya

Address : Pattaya, Chonburi

Sample Type : Waste Water

Sampling Method : Grab

Sampling Date : 25/02/2023

Receive Date : 26/02/2023

Analytical Date : 26/02/2023

Report Date : 07/03/2023

Report No. : WT0510266001

Parameter	Unit	Method**	0597/02/23	0598/02/23	Standard ***
			Influent	Effluent	
*pH	-	Electrometric Method	6.8	7.3	5.5-9.0
*BOD	mg/L	APHA: 4500-O(C)5210 B	49	10	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	39	18	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	495	304	<500
Oil & Grease	mg/L	APHA: 5520 B	2.3	ND	<20
Settleable Solids	mg/L	Imhoff Cone	29.0	<0.1	<0.5
Sulfide	mg/L	APHA: 4500-S(F)	1.6	ND	<1.0
TKN	mg/L	APHA: 4500-Norg(B)	38.6	8.1	<35
Coliform, Total	MPN/100 mL	APHA: 9221 B	>5,000	>5,000	ไม่เกิน 5,000
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	>1,000	>1,000	ไม่เกิน 1,000
Sample Condition		Observation	sediment Turbidity/ gray	Light Yellow	

Remark :

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07/03/2023

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Orchid Pattaya

Address : Pattaya, Chonburi

Sample Type : Waste Water

Sampling Method : Grab

Sampling Date : 20/03/2023

Receive Date : 21/03/2023

Analytical Date : 21/03/2023

Report Date : 28/03/2023

Report No. : WT0510366001

Parameter	Unit	Method**	0793/03/23	0794/03/23	Standard ***
			Influent	Effluent	
*pH	-	Electrometric Method	7.0	7.3	5.5-9.0
*BOD	mg/L	APHA: 4500-O(C)5210 B	98	17	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	80	23	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	652	347	<500
Oil & Grease	mg/L	APHA: 5520 B	1.7	ND	<20
Settleable Solids	mg/L	Imhoff Cone	5.9	<0.1	<0.5
Sulfide	mg/L	APHA: 4500-S(F)	0.8	<0.1	<1.0
TKN	mg/L	APHA: 4500-Norg(B)	36.4	20.4	<35
Coliform, Total	MPN/100 mL	APHA: 9221 B	>160,000	>160,000	ไม่เกิน 5,000
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	>160,000	>160,000	ไม่เกิน 1,000
Sample Condition		Observation	sediment Turbidity/ gray	Light Yellow	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Orchid Pattaya

Address : Pattaya, Chonburi

Sample Type : Waste Water

Sampling Method : Grab

Sampling Date : 24/04/2023

Receive Date : 25/04/2023

Analytical Date : 25/04/2023

Report Date : 02/05/2023

Report No. : WT0510466001

Parameter	Unit	Method**	1373/04/23	1374/04/23	Standard ***
			Influent	Effluent	
*pH	-	Electrometric Method	7.0	7.1	5.0-9.0
*BOD	mg/L	APHA: 4500-O(C)5210 B	88	19	<20
*Total Suspended Solids	mg/L	Dried at 103-105 °C	57	22	<30
*Total Dissolved Solids	mg/L	Dried at 180 °C	471	451	<500
Oil & Grease	mg/L	APHA: 5520 B	4.3	ND	<20
Settleable Solids	mg/L	Imhoff Cone	5.0	<0.1	<0.5
Sulfide	mg/L	APHA: 4500-S(F)	1.1	<0.1	<1.0
TKN	mg/L	APHA: 4500-Norg(B)	97.8	14.1	<35
Coliform, Total	MPN/100 mL	APHA: 9221 B	>160,000	>160,000	ไม่เกิน 5,000
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	>160,000	>160,000	ไม่เกิน 1,000
Sample Condition		Observation	sediment Turbidity/ gray	Light Yellow	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Orchid Pattaya

Address : Pattaya, Chonburi

Sample Type : Waste Water

Sampling Method : Grab

Sampling Date : 27/05/2023

Receive Date : 27/05/2023

Analytical Date : 27/05/2023

Report Date : 01/06/2023

Report No. : WT0510566001

Parameter	Unit	Method**	1475/05/23	1476/05/23	Standard ***
			Influent	Effluent	
*pH	-	Electrometric Method	7.5	7.1	5.0-9.0
*BOD	mg/L	APHA: 4500-O(C)5210 B	104	12	<20
*Total Suspended Solids	mg/L	Dried at 103-105 °C	69	20	<30
*Total Dissolved Solids	mg/L	Dried at 180 °C	471	338	<500
Oil & Grease	mg/L	APHA: 5520 B	2.3	ND	<20
Settleable Solids	mg/L	Imhoff Cone	7.0	<0.1	<0.5
Sulfide	mg/L	APHA: 4500-S(F)	2.0	<0.1	<1.0
TKN	mg/L	APHA: 4500-Norg(B)	47.1	17.2	<35
Coliform, Total	MPN/100 mL	APHA: 9221 B	>160,000	>160,000	ไม่เกิน 5,000
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	>160,000	>160,000	ไม่เกิน 1,000
Sample Condition		Observation	sediment Turbidity/ gray	Light Yellow	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Orchid Pattaya

Address : Pattaya, Chonburi

Sample Type : Waste Water

Sampling Method : Grab

Sampling Date : 21/06/2023

Receive Date : 22/06/2023

Analytical Date : 22/06/2023

Report Date : 29/06/2023

Report No. : WT0510666001

Parameter	Unit	Method**	1786/06/23	1787/06/23	Standard ***
			Influent	Effluent	
*pH	-	Electrometric Method	6.8	7.0	5.0-9.0
*BOD	mg/L	APHA: 4500-O(C)5210 B	147	18	<20
*Total Suspended Solids	mg/L	Dried at 103-105 °C	89	20	<30
*Total Dissolved Solids	mg/L	Dried at 180 °C	489	351	<500
Oil & Grease	mg/L	APHA: 5520 B	3.1	ND	<20
Settleable Solids	mg/L	Imhoff Cone	25.0	<0.1	<0.5
Sulfide	mg/L	APHA: 4500-S(F)	1.7	<0.1	<1.0
TKN	mg/L	APHA: 4500-Norg(B)	141.0	21.4	<35
Coliform, Total	MPN/100 mL	APHA: 9221 B	78,000	81,000	ไม่เกิน 5,000
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	37,000	38,000	ไม่เกิน 1,000
Sample Condition		Observation	sediment Turbidity/ gray	Light Yellow	

Remark :

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