

ภาคผนวกที่ 2

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

ภาคผนวกที่ 2.1

ผลการตรวจวิเคราะห์คุณภาพน้ำเสียก่อนบำบัด และน้ำผ่านการบำบัด
(INFLUENT - EFFLUENT)



Analysis/Test Report

Private Laboratory Registration ๑-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT3830169001

Receive Date : 10/01/2026

Parameter	Unit	Method**	0145/01/26	Standard
			Influent near the engineer room	
*pH	-	Electrometric Method	7.6	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	158	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	200	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	418	<1,000
Oil & Grease	mg/L	Partition Gravimetric	8.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	3	<1.0
TKN	mg/L	Kjeldahl	52	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid black sediment	

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)*** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

๑-๒๓๘-๑-๐๐๐๒

16/01/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT3830169002

Receive Date : 10/01/2026

Parameter	Unit	Method**	0146/01/26	Standard ***
			Effluent near the engineer room	
*pH	-	Electrometric Method	7.2	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	11	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	40	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	300	<1,000
Oil & Grease	mg/L	Partition Gravimetric	1.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	18	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid gray	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT3830169003

Receive Date : 10/01/2026

Parameter	Unit	Method**	0147/01/26	Standard ***
			Influent at the beach side area	
*pH	-	Electrometric Method	7.4	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	106	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	191	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	471	<1,000
Oil & Grease	mg/L	Partition Gravimetric	6.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	2	<1.0
TKN	mg/L	Kjeldahl	49	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid yellow sediment	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๗-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT3830169004

Receive Date : 10/01/2026

Parameter	Unit	Method**	0148/01/26	Standard
			Effluent at the beach side area	
*pH	-	Electrometric Method	7.2	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	13	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	40	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	355	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ไม่พบ	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	22	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid yellow	

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Analysis/Test Report

Private Laboratory Registration ๑-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT3830269001

Receive Date : 12/02/2026

Parameter	Unit	Method**	0368/02/26	Standard
			Influent near the engineer room	
*pH	-	Electrometric Method	7.3	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	135	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	192	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	521	<1,000
Oil & Grease	mg/L	Partition Gravimetric	7.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	2	<1.0
TKN	mg/L	Kjeldahl	50	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid black sediment	

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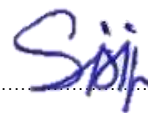

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Analysis/Test Report

Private Laboratory Registration ๑-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT3830269002

Receive Date : 12/02/2026

Parameter	Unit	Method**	0369/02/26	Standard ***
			Effluent near the engineer room	
*pH	-	Electrometric Method	7.0	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	19	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	33	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	277	<1,000
Oil & Grease	mg/L	Partition Gravimetric	1.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	9	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid gray	

Remark :

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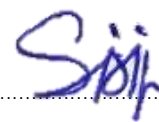

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Analysis/Test Report

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Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT3830269003

Receive Date : 12/02/2026

Parameter	Unit	Method**	0370/02/26	Standard
			Influent at the beach side area	
*pH	-	Electrometric Method	7.5	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	123	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	178	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	500	<1,000
Oil & Grease	mg/L	Partition Gravimetric	11.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	3	<1.0
TKN	mg/L	Kjeldahl	48	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid yellow sediment	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๗-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT3830269004

Receive Date : 12/02/2026

Parameter	Unit	Method**	0371/02/26	Standard ***
			Effluent at the beach side area	
*pH	-	Electrometric Method	7.1	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	15	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	32	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	281	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ไม่พบ	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	17	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid yellow	

Remark :

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19/02/2026




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Analysis/Test Report

Private Laboratory Registration ๗-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT3830269001

Receive Date : 12/03/2026

Parameter	Unit	Method**	0837/03/26	Standard
			Influent near the engineer room	
*pH	-	Electrometric Method	7.0	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	185	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	205	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	415	<1,000
Oil & Grease	mg/L	Partition Gravimetric	10.50	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	3	<1.0
TKN	mg/L	Kjeldahl	49	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid black sediment	

Remark :

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Sample Type : Waste Water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT3830369002

Receive Date : 12/03/2026

Parameter	Unit	Method**	0838/03/26	Standard
			Effluent near the engineer room	
*pH	-	Electrometric Method	7.2	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	9	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	21	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	230	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	13	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid gray	

Remark :

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Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT3830369003

Receive Date : 12/03/2026

Parameter	Unit	Method**	0839/03/26	Standard
			Influent at the beach side area	
*pH	-	Electrometric Method	7.2	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	135	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	191	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	519	<1,000
Oil & Grease	mg/L	Partition Gravimetric	8.10	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	2.8	<1.0
TKN	mg/L	Kjeldahl	41	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid yellow sediment	

Remark :

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Jirapinya
(Miss.Jirapinya Tara)

Analyst

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19/03/2026



Siripen

(Mrs.Siripen Vitethap)

Laboratory Supervisor

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Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT3830369004

Receive Date : 12/03/2026

Parameter	Unit	Method**	0840/03/26	Standard ***
			Effluent at the beach side area	
*pH	-	Electrometric Method	7.2	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	10	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	22	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	210	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	120	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid yellow	

Remark :

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 22/04/2026

Sampling Method : Grab

Report Date : 29/04/2026

Sampling Date : 21/04/2026

Report No. : WT3830469001

Receive Date : 22/04/2026

Parameter	Unit	Method**	1100/04/26	Standard
			Influent near the engineer room	
*pH	-	Electrometric Method	6.8	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	250	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	280	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	643	<1,000
Oil & Grease	mg/L	Partition Gravimetric	7.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	1.8	<1.0
TKN	mg/L	Kjeldahl	45	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid black sediment	

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)*** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

29/04/2026




(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

29/04/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 22/04/2026

Sampling Method : Grab

Report Date : 29/04/2026

Sampling Date : 21/04/2026

Report No. : WT3830469002

Receive Date : 22/04/2026

Parameter	Unit	Method**	1101/04/26	Standard
			Effluent near the engineer room	
*pH	-	Electrometric Method	7.2	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	12	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	27	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	397	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	30	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid gray	

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)*** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567

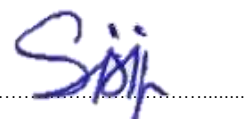

(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

29/04/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

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29/04/2026

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Analysis/Test Report

Private Laboratory Registration ๗-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 22/04/2026

Sampling Method : Grab

Report Date : 29/04/2026

Sampling Date : 21/04/2026

Report No. : WT3830469003

Receive Date : 22/04/2026

Parameter	Unit	Method**	1151/04/26	Standard
			Influent at the beach side area	
*pH	-	Electrometric Method	7.0	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	155	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	273	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	580	<1,000
Oil & Grease	mg/L	Partition Gravimetric	8.50	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	2	<1.0
TKN	mg/L	Kjeldahl	53	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid yellow sediment	

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)*** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

๗-๒๓๘-๗-๐๐๐๒

29/04/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๗-๒๓๘-๗-๐๐๐๑

29/04/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 22/04/2026

Sampling Method : Grab

Report Date : 29/04/2026

Sampling Date : 21/04/2026

Report No. : WT3830469004

Receive Date : 22/04/2026

Parameter	Unit	Method**	1152/04/26	Standard ***
			Effluent at the beach side area	
*pH	-	Electrometric Method	6.8	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	16	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	25	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	306	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	12	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid 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)*** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

25/04/2026




(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

25/04/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT3830569001

Receive Date : 14/05/2026

Parameter	Unit	Method*	1367/05/26	Standard **
			Influent near the engineer room	
pH	-	Electrometric Method	6.9	5.5 - 9.0
BOD	mg/L	5-Day BOD Test, Azide Modification	188	<30
Total Suspended Solids	mg/L	Dried at 103-105 °C	215	<40
Total Dissolved Solids	mg/L	Dried at 180 °C	551	<1,000
Oil & Grease	mg/L	Partition Gravimetric	5.10	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	1.8	<1.0
TKN	mg/L	Kjeldahl	40	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid black sediment	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

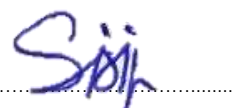
(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

21/05/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

21/05/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT3830569002

Receive Date : 14/05/2026

Parameter	Unit	Method*	1368/05/26	Standard **
			Effluent near the engineer room	
pH	-	Electrometric Method	7.1	5.5 - 9.0
BOD	mg/L	5-Day BOD Test, Azide Modification	17	<30
Total Suspended Solids	mg/L	Dried at 103-105 °C	22	<40
Total Dissolved Solids	mg/L	Dried at 180 °C	326	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	19	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid gray	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

21/05/2026




(Mrs.Siripen Vitethap)

Laboratory Supervisor

21/05/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT3830569003

Receive Date : 14/05/2026

Parameter	Unit	Method*	1369/05/26	Standard **
			Influent at the beach side area	
*pH	-	Electrometric Method	6.8	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	164	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	200	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	499	<1,000
Oil & Grease	mg/L	Partition Gravimetric	4.00	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	2	<1.0
TKN	mg/L	Kjeldahl	49	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid yellow sediment	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

21/05/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

21/05/2026

Do not copy some scuffing Do not modify this report.



Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT3830569004

Receive Date : 14/05/2026

Parameter	Unit	Method*	1370/05/26	Standard **
			Effluent at the beach side area	
*pH	-	Electrometric Method	6.9	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	18	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	29	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	255	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	17	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid yellow	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

21/05/2026




(Mrs.Siripen Vitethap)

Laboratory Supervisor

21/05/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT3830669001

Receive Date : 11/06/2026

Parameter	Unit	Method*	1659/06/26	Standard **
			Influent near the engineer room	
pH	-	Electrometric Method	6.9	5.5 - 9.0
BOD	mg/L	5-Day BOD Test, Azide Modification	150	<30
Total Suspended Solids	mg/L	Dried at 103-105 °C	300	<40
Total Dissolved Solids	mg/L	Dried at 180 °C	417	<1,000
Oil & Grease	mg/L	Partition Gravimetric	8.30	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	2.8	<1.0
TKN	mg/L	Kjeldahl	58	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid black sediment	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

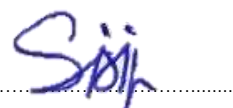
(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

18/06/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

18/06/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT3830669002

Receive Date : 11/06/2026

Parameter	Unit	Method*	1660/06/26	Standard **
			Effluent near the engineer room	
pH	-	Electrometric Method	7.2	5.5 - 9.0
BOD	mg/L	5-Day BOD Test, Azide Modification	14	<30
Total Suspended Solids	mg/L	Dried at 103-105 °C	27	<40
Total Dissolved Solids	mg/L	Dried at 180 °C	358	<1,000
Oil & Grease	mg/L	Partition Gravimetric	<5	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	12	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid gray	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

18/06/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

18/06/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT3830569003

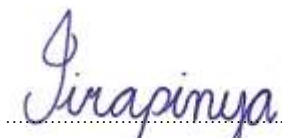
Receive Date : 11/06/2026

Parameter	Unit	Method*	1661/06/26	Standard **
			Influent at the beach side area	
*pH	-	Electrometric Method	6.6	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	116	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	129	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	374	<1,000
Oil & Grease	mg/L	Partition Gravimetric	11.10	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	1.0	<1.0
TKN	mg/L	Kjeldahl	46	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>16,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>16,000	<1,000
Sample Condition		Observation	Turbid yellow sediment	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

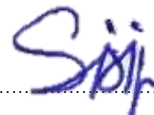
(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

18/06/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

18/06/2026

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Analysis/Test Report

Customer Name : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Waste Water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT3830669004

Receive Date : 11/06/2026

Parameter	Unit	Method*	1662/06/26	Standard **
			Effluent at the beach side area	
*pH	-	Electrometric Method	6.9	5.5 - 9.0
*BOD	mg/L	5-Day BOD Test, Azide Modification	18	<30
*Total Suspended Solids	mg/L	Dried at 103-105 °C	29	<40
*Total Dissolved Solids	mg/L	Dried at 180 °C	255	<1,000
Oil & Grease	mg/L	Partition Gravimetric	ND	<20
Settleable Solids	mg/L	Volumetric Method	<0.1	-
Sulfide	mg/L	Idometric Method	<1.0	<1.0
TKN	mg/L	Kjeldahl	17	<35
Coliform, Total	MPN/100mL	APHA: 9221 B	>5,000	<5,000
Coliform, Fecal	MPN/100mL	APHA: 9221 E	>1,000	<1,000
Sample Condition		Observation	Turbid yellow	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater, APHA,AWWA,WEF 23rd Edition, 2017

(2)** Announcement of the Ministry of Natural Resources and Environment on the determination of standards for controlling waste water discharge from certain types and sizes of buildings Act B.E. 2567


(Miss.Jirapinya Tara)

Analyst

18/06/2026




(Mrs.Siripen Vitethap)

Laboratory Supervisor

18/06/2026

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ภาคผนวกที่ 2.2

ผลการตรวจวิเคราะห์คุณภาพน้ำสระว่ายน้ำ (SWIMMING POOL)



Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT2670169002

Received Date : 10/01/2026

Parameter	Unit	Method**	0138/01/26	Standard
			Swimming Pool B	

pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.65	0.5 – 1.0
Alkalinity	ppm	Titration Method	97	80 – 100
Calcium hardness	mg/L	Titration Method	290	250 – 600
Cyanuric acid	mg/L	Turbidimetric	41.00	30 – 60
Chloride	mg/L	Titration Method	338	<600
Ammonia	mg/L	Phenate Method	8.00	<20
Nitrate	mg/L	Nitrate Electrode	0.7100	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

Jirapinya

(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

16/01/2026



Siripen

(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

16/01/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT2670169003

Received Date : 10/01/2026

Parameter	Unit	Method**	0139/01/26	Standard
			Swimming Pool B	

pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.71	0.5 – 1.0
Alkalinity	ppm	Titration Method	99	80 – 100
Calcium hardness	mg/L	Titration Method	285	250 – 600
Cyanuric acid	mg/L	Turbidimetric	40.00	30 – 60
Chloride	mg/L	Titration Method	322	<600
Ammonia	mg/L	Phenate Method	7.00	<20
Nitrate	mg/L	Nitrate Electrode	0.5900	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

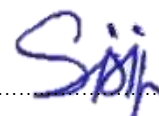

(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

16/01/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

16/01/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT2670269002

Received Date : 12/02/2026

Parameter	Unit	Method**	0479/02/26	Standard
			Swimming Pool B	

pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.85	0.5 – 1.0
Alkalinity	ppm	Titration Method	98	80 – 100
Calcium hardness	mg/L	Titration Method	365	250 – 600
Cyanuric acid	mg/L	Turbidimetric	40.00	30 – 60
Chloride	mg/L	Titration Method	177	<600
Ammonia	mg/L	Phenate Method	10.00	<20
Nitrate	mg/L	Nitrate Electrode	0.7900	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

Jirapinya

(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

19/02/2026



Siripen

(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

19/02/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT2670269003

Received Date : 12/02/2026

Parameter	Unit	Method**	0480/02/26	Standard
			Swimming Pool C	

pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.66	0.5 – 1.0
Alkalinity	ppm	Titration Method	99	80 – 100
Calcium hardness	mg/L	Titration Method	300	250 – 600
Cyanuric acid	mg/L	Turbidimetric	37.00	30 – 60
Chloride	mg/L	Titration Method	299	<600
Ammonia	mg/L	Phenate Method	9.00	<20
Nitrate	mg/L	Nitrate Electrode	0.8500	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

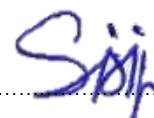

(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

19/02/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

19/02/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT2670369002

Received Date : 12/03/2026

Parameter	Unit	Method**	0816/03/26	Standard
			Swimming Pool A	
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.66	0.5 – 1.0
Alkalinity	ppm	Titration Method	97	80 – 100
Calcium hardness	mg/L	Titration Method	360	250 – 600
Cyanuric acid	mg/L	Turbidimetric	37.40	30 – 60
Chloride	mg/L	Titration Method	400	<600
Ammonia	mg/L	Phenate Method	9.60	<20
Nitrate	mg/L	Nitrate Electrode	0.6500	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

Jirapinya
(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

19/03/2026



Siripen

(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

19/03/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT2670369003

Received Date : 12/03/2026

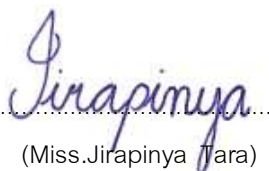
Parameter	Unit	Method**	0817/03/26	Standard
			Swimming Pool B	
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.68	0.5 – 1.0
Alkalinity	ppm	Titration Method	99	80 – 100
Calcium hardness	mg/L	Titration Method	300	250 – 600
Cyanuric acid	mg/L	Turbidimetric	37.00	30 – 60
Chloride	mg/L	Titration Method	196	<600
Ammonia	mg/L	Phenate Method	5.60	<20
Nitrate	mg/L	Nitrate Electrode	0.7400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

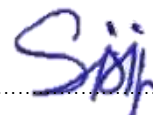

(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

19/03/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

19/03/2026

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Analysis/Test Report

Private Laboratory Registration ๗-๒๓๘

Customer : Amari Koh Samui
Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320
Sample Type : Swimming water Analytical Date : 22/04/2026
Sampling Method : Grab Report Date : 27/04/2026
Sampling Date : 21/04/2026 Report No. : WT2670469002
Received Date : 22/04/2026

Parameter	Unit	Method**	1136/04/26	Standard
			Swimming Pool B	
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.71	0.5 – 1.0
Alkalinity	ppm	Titration Method	98	80 – 100
Calcium hardness	mg/L	Titration Method	400	250 – 600
Cyanuric acid	mg/L	Turbidimetric	39.00	30 – 60
Chloride	mg/L	Titration Method	311	<600
Ammonia	mg/L	Phenate Method	7.50	<20
Nitrate	mg/L	Nitrate Electrode	0.8000	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis


(Miss.Jirapinya Tara)

Analyst

๗-๒๓๘-๖-๐๐๐๒

27/04/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๗-๒๓๘-๗-๐๐๐๑

27/04/2026

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Analysis/Test Report

Private Laboratory Registration ๗-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 22/04/2026

Sampling Method : Grab

Report Date : 27/04/2026

Sampling Date : 21/04/2026

Report No. : WT2670469003

Received Date : 22/04/2026

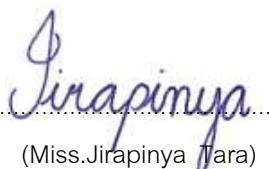
Parameter	Unit	Method**	1137/04/26	Standard
			Swimming Pool C	
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.77	0.5 – 1.0
Alkalinity	ppm	Titration Method	95	80 – 100
Calcium hardness	mg/L	Titration Method	310	250 – 600
Cyanuric acid	mg/L	Turbidimetric	38.00	30 – 60
Chloride	mg/L	Titration Method	292	<600
Ammonia	mg/L	Phenate Method	6.10	<20
Nitrate	mg/L	Nitrate Electrode	0.8600	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Ministry of Public Health BE.2550, Thailand for swimming pool analysis

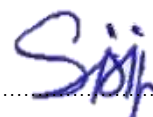

(Miss.Jirapinya Tara)

Analyst

๗-๒๓๘-๗-๐๐๐๒

27/04/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๗-๒๓๘-๗-๐๐๐๑

27/04/2026

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Analysis/Test Report

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT2670569002

Received Date : 14/05/2026

Parameter	Unit	Method*	1342/05/26	Standard
			Swimming Pool A	
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.65	0.5 – 1.0
Alkalinity	ppm	Titration Method	99	80 – 100
Calcium hardness	mg/L	Titration Method	310	250 – 600
Cyanuric acid	mg/L	Turbidimetric	32.00	30 – 60
Chloride	mg/L	Titration Method	192	<600
Ammonia	mg/L	Phenate Method	8.20	<20
Nitrate	mg/L	Nitrate Electrode	0.7400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(2)** Ministry of Public Health BE.2550, Thailand for swimming pool analysis


(Miss.Jirapinya Tara)

Analyst

21/05/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

21/05/2026

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Analysis/Test Report

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT2670569003

Received Date : 14/05/2026

Parameter	Unit	Method*	1343/05/26	Standard
			Swimming Pool C	
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.70	0.5 – 1.0
Alkalinity	ppm	Titration Method	95	80 – 100
Calcium hardness	mg/L	Titration Method	320	250 – 600
Cyanuric acid	mg/L	Turbidimetric	39.20	30 – 60
Chloride	mg/L	Titration Method	343	<600
Ammonia	mg/L	Phenate Method	8.00	<20
Nitrate	mg/L	Nitrate Electrode	0.7400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

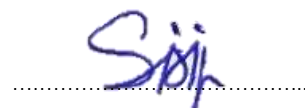
(2)* Ministry of Public Health BE.2550, Thailand for swimming pool analysis


(Miss.Jirapinya Tara)

Analyst

21/05/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

21/05/2026

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Analysis/Test Report

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT2670669002

Received Date : 11/06/2026

Parameter	Unit	Method*	1664/06/26	Standard
			Swimming Pool B	
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.62	0.5 – 1.0
Alkalinity	ppm	Titration Method	99	80 – 100
Calcium hardness	mg/L	Titration Method	299	250 – 600
Cyanuric acid	mg/L	Turbidimetric	35.00	30 – 60
Chloride	mg/L	Titration Method	192	<600
Ammonia	mg/L	Phenate Method	9.00	<20
Nitrate	mg/L	Nitrate Electrode	0.7700	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

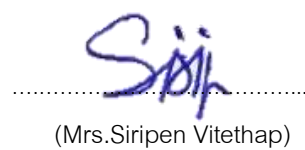
(2)** Ministry of Public Health BE.2550, Thailand for swimming pool analysis


(Miss.Jirapinya Tara)

Analyst

18/06/2026




(Mrs.Siripen Vitethap)

Laboratory Supervisor

18/06/2026

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Analysis/Test Report

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Swimming water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT2670669003

Received Date : 11/06/2026

Parameter	Unit	Method*	17665/06/26	Standard
			Swimming Pool C	
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	3.0	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.70	0.5 – 1.0
Alkalinity	ppm	Titration Method	97	80 – 100
Calcium hardness	mg/L	Titration Method	186	250 – 600
Cyanuric acid	mg/L	Turbidimetric	35.00	30 – 60
Chloride	mg/L	Titration Method	186	<600
Ammonia	mg/L	Phenate Method	11.30	<20
Nitrate	mg/L	Nitrate Electrode	0.7600	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

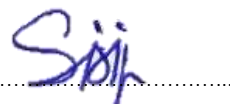
(2)* Ministry of Public Health BE.2550, Thailand for swimming pool analysis


(Miss.Jirapinya Tara)

Analyst

18/06/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

18/06/2026

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ภาคผนวกที่ 2.3

ผลการตรวจวิเคราะห์คุณภาพน้ำใช้ (WATER SUPPLY)



Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Tap Water

Analytical Date : 10/01/2026

Sampling Method : Grab

Report Date : 16/01/2026

Sampling Date : 09/01/2026

Report No. : WT3830169001

Received Date : 10/01/2026

Parameter	Unit	Method**	0137/01/26	Standard ***
			Cold water at the wash basin in guest room 2710	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Water quality standards Ministry of Public Health, Department of Health,2020

Jirapinya
.....
(Miss.Jirapinya Tara)

Analyst

๖-๒๓๘-๖-๐๐๐๒

16/01/2026



Siripen
.....

(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

16/01/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Tap Water

Analytical Date : 12/02/2026

Sampling Method : Grab

Report Date : 19/02/2026

Sampling Date : 11/02/2026

Report No. : WT3830269001

Received Date : 12/02/2026

Parameter	Unit	Method**	0478/02/26	Standard ***
			Cold water at the wash basin in guest room 5112	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Water quality standards Ministry of Public Health, Department of Health,2020



(Miss.Jirapinya Tara)

Analyst

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19/02/2026





(Mrs.Siripen Vitethap)

Laboratory Supervisor

๖-๒๓๘-๖-๐๐๐๑

19/02/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Tap Water

Analytical Date : 12/03/2026

Sampling Method : Grab

Report Date : 19/03/2026

Sampling Date : 11/03/2026

Report No. : WT3830369001

Received Date : 12/03/2026

Parameter	Unit	Method**	0815/03/26	Standard ***
			Cold water at the wash basin in guest room 2107	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Water quality standards Ministry of Public Health, Department of Health,2020

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19/03/2026

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Analysis/Test Report

Private Laboratory Registration ๖-๒๓๘

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Tap Water

Analytical Date : 22/04/2026

Sampling Method : Grab

Report Date : 27/04/2026

Sampling Date : 21/04/2026

Report No. : WT3830469001

Received Date : 22/04/2026

Parameter	Unit	Method**	1135/04/26	Standard ***
			Cold water at the wash basin in guest room 4107	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)*Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)** Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

(3)***Water quality standards Ministry of Public Health, Department of Health,2020



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27/04/2026

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Analysis/Test Report

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Tap Water

Analytical Date : 14/05/2026

Sampling Method : Grab

Report Date : 21/05/2026

Sampling Date : 13/05/2026

Report No. : WT3830569001

Received Date : 14/05/2026

Parameter	Unit	Method*	1341/05/26	Standard **
			Cold water at the wash basin in guest room 4112	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

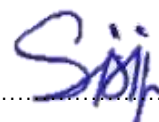
(2)**Water quality standards Ministry of Public Health, Department of Health,2020


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21/05/2026





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21/05/2026

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Analysis/Test Report

Customer : Amari Koh Samui

Address : 14/3 chaweng Beach Rd., Bophut, Koh samui, Suratthani, 84320

Sample Type : Tap Water

Analytical Date : 11/06/2026

Sampling Method : Grab

Report Date : 18/06/2026

Sampling Date : 10/06/2026

Report No. : WT3830669001

Received Date : 11/06/2026

Parameter	Unit	Method*	1663/06/26	Standard **
			Cold water at the wash basin in guest room 4116	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)* Method Based on Standard Methods for The examination of Water & Wastewater 23rd Edition, 2017

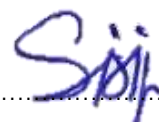
(2)**Water quality standards Ministry of Public Health, Department of Health,2020


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