

ผลวิเคราะห์คุณภาพน้ำสระว่ายน้ำ โครงการ โรงแรม แคนทารี บ้านฉาง



บริษัท ศูนย์วิเคราะห์น้ำ จำกัด WATER ANALYSIS CENTER COMPANY LIMITED

1/94 หมู่ 5 ต. คานหาม อ. อุทัย จ. พระนครศรีอยุธยา 13210
1/94 Moo 5, T. Kanham, A.U.-Thai, Ayutthaya 13210, Thailand
Tel: 0-35226-383, 0-35800-593 Fax: 0-35800-594

ANALYSIS REPORT

Page 1 of 1

Customer Name : Kasemkij Co., Ltd.

Address : 91, 91/1 Moo 3, Phla, Ban Chang, Rayong 21130

Contact :-

Phone :-

E.mail :-

Sample Type : Water

Sample Site : Kantary Hotel Banchang

Sampling Method : Grab

Sampling Date : 10/01/2024

Sampling By : Customer

Receive Date : 12/01/2024

Analysis Date : 12-23/01/2024

Report Date : 23/01/2024

Report No. : RWS 00168/67

Parameter	Unit	Method	PWS 00339/67 Swimming Pool Water	Standard *
Total Coliform Bacteria	MPN/100 mL	Standard Total Coliform Fermentation	6.9	< 10
Sample Characterization	-	Observation	Clear	

Remark : * Reference to the Public Health Committee No. 1/2007 regarding the control of swimming pool business, or other businesses in the same way

- End Of Report -

Laboratory Staff

(Miss. Ronnakorn Padungwieng)

Chemist

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

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FO.LAB 7.8.1/1 รายงานผลการทดสอบ

แก้ไขครั้งที่ 0, วันที่บังคับใช้ : 1 ม.ค. 2562 หน้า 1/1



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ANALYSIS REPORT

Page 1 of 1

Customer Name : Kasemkij Co., Ltd.

Address : 91, 91/1 Moo 3, Phla, Ban Chang, Rayong 21130

Contact : - Phone : -

E.mail : -

Sample Type : Water Sample Site : Kantary Hotel Banchang

Sampling Method : Grab

Sampling Date : 25/01/2024 Sampling By : Customer

Receive Date : 27/01/2024

Analysis Date : 27/01/2024-05/02/2024 Report Date : 05/02/2024

Report No. : RWS 00386/67

Parameter	Unit	Method	PWS 00653/67 Swimming Pool Water	Standard *
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Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	Not Detected	Not Detected
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Sample Characterization	-	Observation	Clear
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Remark : * Reference to the Public Health Committee No. 1/2007 regarding the control of swimming pool business, or other businesses in the same way

Detection Limit : Fecal Coliform Bacteria < 1.1 MPN/100 mL

- End Of Report -

Laboratory Staff

(Miss. Ronnakorn Padungwieng)
Chemist

Approved By

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General Manager

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Page 1 of 1

Customer Name : Kasemkij Co., Ltd.

Address : 91, 91/1 Moo 3, Phla, Ban Chang, Rayong 21130

Contact :-

Phone :-

E.mail :-

Sample Type : Water

Sample Site : Kantary Hotel Banchang

Sampling Method : Grab

Sampling Date : 07/02/2024

Sampling By : Customer

Receive Date : 08/02/2024

Analysis Date : 08-22/02/2024

Report Date : 22/02/2024

Report No. : RWS 00562/67

Parameter	Unit	Method	PWS 01051/67 Swimming Pool Water	Standard *
Total Coliform Bacteria	MPN/100 mL	Standard Total Coliform Fermentation	< 1.1	< 10
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	Not Detected	Not Detected
Sample Characterization	-	Observation	Clear	

Remark : * Reference to the Public Health Committee No. 1/2007 regarding the control of swimming pool business. or other businesses in the same way
Detection Limit : Fecal Coliform Bacteria < 1.1 MPN/100 mL

:- End Of Report :-

Laboratory Staff

(Miss. Ronnakorn Padungwieng)

Chemist

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Page 1 of 1

Customer Name : Kasemkij Co., Ltd.

Address : 91, 91/1 Moo 3, Phla, Ban Chang, Rayong 21130

Contact :-

Phone :-

E.mail :-

Sample Type : Water

Sample Site : Kantary Hotel Banchang

Sampling Method : Grab

Sampling Date : 06/03/2024

Sampling By : Customer

Receive Date : 07/03/2024

Analysis Date : 07-13/03/2024

Report Date : 13/03/2024

Report No. : RWS 00895/67

Parameter	Unit	Method	PWS 01574/67 Swimming Pool Water	Standard *
Total Coliform Bacteria	MPN/100 mL	Standard Total Coliform Fermentation	< 1.1	< 10
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	Not Detected	Not Detected
Sample Characterization	-	Observation	Clear	

Remark : * Reference to the Public Health Committee No. 1/2007 regarding the control of swimming pool business, or other businesses in the same way
Detection Limit : Fecal Coliform Bacteria < 1.1 MPN/100 mL

-: End Of Report :-

Laboratory Staff

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Chemist

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Page 1 of 1

Customer Name : Kasemkij Co., Ltd.

Address : 91, 91/1 Moo 3, Phla, Ban Chang, Rayong 21130

Contact :-

Phone :-

E.mail :-

Sample Type : Water

Sample Site : Kantary Hotel Banchang

Sampling Method : Grab

Sampling Date : 03/04/2024

Sampling By : Customer

Receive Date : 04/04/2024

Analysis Date : 04-08/04/2024

Report Date : 08/04/2024

Report No. : RWS 01303/67

Parameter	Unit	Method	PWS 02240/67 Swimming Pool Water	Standard *
Total Coliform Bacteria	MPN/100 mL	Standard Total Coliform Fermentation	< 1.1	< 10
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	Not Detected	Not Detected
Sample Characterization	-	Observation	Clear	

Remark : * Reference to the Public Health Committee No. 1/2007 regarding the control of swimming pool business, or other businesses in the same way
Detection Limit : Fecal Coliform Bacteria < 1.1 MPN/100 mL

:- End Of Report :-

Laboratory Staff

(Miss. Ronnakorn Padungwieng)

Chemist

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BANCHANG HOTEL)
ADDRESS : 91, 91/1 MOO 3 PHLA BANCHANG RAYONG 21130
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : KANTARY HOTEL BANCHANG
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 8, 2024
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS KEWALEE SUKHAREE
RECEIVED DATE : MAY 10, 2024
ANALYTICAL DATE : MAY 10-18, 2024
ISSUE DATE : JUNE 21, 2024
REPORT NO. : 2024-U056057
WORK NO. : 2024-003892
ANALYSIS NO. : T24AJ753-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AJ753-0001		
pH ^A	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.3 (25°C)	7.2-7.6*	-
AMMONIA	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.56	-	0.05
NITRATE	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	1.59	-	0.09
CHLORIDE	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	628	-	2.0
TOTAL ALKALINITY	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	109	80-150*	-
CALCIUM HARDNESS	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	360	200-400*	4.0
FREE CHLORINE***	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	2.8	1.0-3.0*	0.1
COMBINED CHLORINE	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	0.1	-	0.1
CYANURIC ACID	mg/L	TURBIDIMETRIC METHOD	205	30-150*	1
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^A	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NONE**	1.1
COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	1.1	< 10	1.1
<i>E. coli</i>	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i>	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	1/	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AJ753-0001		
<i>Staphylococcus aureus</i>	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	1/	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRICTIONAL TO HEALTH, B.E. 2530 (1987).

* : NATIONAL SPA AND POOL INSTITUTE (NSPI).

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

*** : MEASURED BY CUSTOMER.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NONE.

1/ : DISEASE-CAUSING BACTERIA IS NOT DETECTED.

^ : SAMPLING BY CUSTOMER ON MAY 29, 2024, ANALYSIS NO. T24AL596-0001 (ANALYTICAL DATE : MAY 30 - JUNE 4, 2024).

THE REASON FOR ISSUING THE NEW REPORT IS SUBSTITUTE RESULT.

SUBSTITUTED REPORT FOR REPORT NO. 2024-U049291, ISSUE DATE JUNE 7, 2024.



(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



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Page 1 of 1

Customer Name :Kasemkij Co., Ltd.

Address :91, 91/1 Moo 3, Phla, Ban Chang, Rayong 21130

Contact :- Phone :-

E.mail :-

Sample Type : Water Sample Site : Kantary Hotel Banchang

Sampling Method : Grab

Sampling Date : 05/06/2024 Sampling By : Customer

Receive Date : 06/06/2024

Analysis Date : 06-13/06/2024 Report Date : 13/06/2024

Report No. : RWS 02151/67

Parameter	Unit	Method	PWS 03711/67 Swimming Pool Water	Standard *
Total Coliform Bacteria	MPN/100 mL	Standard Total Coliform Fermentation	< 1.1	< 10
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	Not Detected	Not Detected
Sample Characterization		Observation	Clear	

Remark : * Reference to the Public Health Committee No. 1/2007 regarding the control of swimming pool business, or other businesses in the same way
Detection Limit : Fecal Coliform Bacteria < 1.1 MPN/100 mL

-: End Of Report -:

Laboratory Staff
(Miss. Ronnakorn Padungwieng)
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Approved By
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