

ผลวิเคราะห์คุณภาพน้ำสระว่ายน้ำ โครงการ โรงแรม แคนทารี บ้านฉาง



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

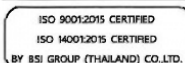
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

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/	-



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- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.





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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.

A : 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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ISO 14001:2015 CERTIFIED
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2024-U056057

- End of Analysis Report -



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WATER ANALYSIS CENTER COMPANY LIMITED

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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 : 03/07/2024

Sampling By : Customer

Receive Date : 05/07/2024

Analysis Date : 05-10/07/2024

Report Date : 10/07/2024

Report No. : RWS 02618/67

Parameter	Unit	Method	PWS 04491/67 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

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 : 07/08/2024

Sampling By : Customer

Receive Date : 08/08/2024

Analysis Date : 08-15/08/2024

Report Date : 15/08/2024

Report No. : RWS 03150/67

Parameter	Unit	Method	PWS 05484/67 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

The results relate only to the items tested. Test report shall not be reproduced except in full, without written approval of the laboratory
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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 : 04/09/2024

Sampling By : Customer

Receive Date : 05/09/2024

Analysis Date : 05-10/09/2024

Report Date : 10/09/2024

Report No. : RWS 03556/67

Parameter	Unit	Method	PWS 06202/67 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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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 : 11/12/2024

Sampling By : Customer

Receive Date : 12/12/2024

Analysis Date : 12-18/12/2024

Report Date : 18/12/2024

Report No. : RWS 04600/67

Parameter	Unit	Method	PWS 08228/67 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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Approved By

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