

เอกสารแนบ 4

เอกสารผลการตรวจวัดคุณภาพสิ่งแวดล้อม



ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 Baan Klang Krung Biz Town, Soi Srinagarindra 46/1 (Pramote), NONG BON Sub-district, PRAWET District, BANGKOK 10250

Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Equalization Tank
Sample Type : Waste Water
Sample NO. : WW 0139
Characteristics of : Black Sediment
Sampling by : [REDACTED]

Sample Date : 29/01/2026
Sample Time : 3:10 pm.
Analytical Date : 30/01-13/02/2026
Report Date : 16/02/2026
Customer Code : JP 023-1-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	6.8	-	-
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	216	-	-
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	212	-	-
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	314	-	-
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	-	-
TKN ²⁾	mg/L	Kjeldahl Method	1.5	49	-	-
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	75	-	-
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<1.0	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.



[REDACTED]
Analyst

[REDACTED]
Laboratory Supervisor



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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Clear Water Tank
Sample Type : Waste Water
Sample NO. : WW 0140
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]
Sample Date : 29/01/2026
Sample Time : 03:05 pm.
Analytical Date : 30/01-13/02/2026
Report Date : 16/02/2026
Customer Code : JP 023-1-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	6.5	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	3.2	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	5.5	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	356	1,000	Pass
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	7.6	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<1.0	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	4,900	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Discharged to the public
Sample Type : Waste Water
Sample NO. : WW 0141
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]

Sample Date : 29/01/2026
Sample Time : 3:00 pm.
Analytical Date : 30/01-13/02/2026
Report Date : 16/02/2026
Customer Code : JP 023-1-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.0	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	7.6	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	<2.5	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	414	1,000	Pass
Settleable Solids	mL/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	7.3	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<1.0	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	310	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Swimming Pool
Sample Type : Swimming Pool
Sample NO. : WW 0142
Characteristics of Water : Clear
Sampling by :
Sample Date : 29/01/2026
Sample Time : 2:50 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-1-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.7	7.2-8.4	Pass
Free chlorine	mg/L as Cl ₂	DPD Colorimetric Method	-	0.92	0.6-1.0	Pass
Total Bacteria ²⁾	CFU/100ml	Standard Plate Count	1.0	3.0	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass
<i>E. coli</i>	/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: Ministry of Health (Thailand), Swimming pool business control or other similar businesses, 2007

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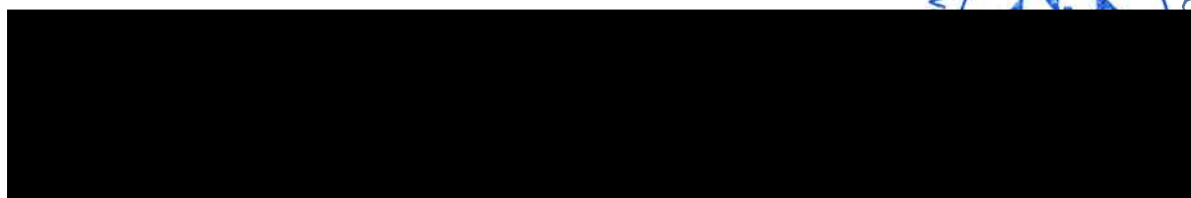
ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Swimming Pool
Sample Type : Swimming Pool
Sample NO. : WW 0142
Characteristics of Water : Clear
Sampling by : XXXXXXXXXX
Sample Date : 29/01/2026
Sample Time : 2:50 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-1-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.7	7.2-8.4	Pass
Free chlorine ²⁾	mg/L as Cl ₂	DPD Colorimetric Method	-	0.92	0.6-1.0	Pass
Chloride ²⁾	mg/L as Cl ⁻	Argentometric Method	0.5	2,100	600	Pass
Total Alkalinity	mg/L as CaCO ₃	Titration Method	-	72	80-100	Fail
Calcium Hardness ²⁾	mg/L as CaCO ₃	EDTA Titrimetric Method	1.0	63	250-600	Fail
Cyanuric acid ²⁾	mg/L	Turbidimetric Method	1	<5	30-60	Fail
Ammonia ²⁾	mg/L as NH ₃	Phenate Method	0.04	<0.04	20	Pass
Nitrate	mg/L as NO ₃ ⁻	Cadmium Reduction Method	0.09	22	50	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration Techniques	-	Not Detected	Not Detected	Pass
<i>Pseudomonas aeruginosa</i> ²⁾	/100ml	Membrane Filtration Technique	-	Not Detected	Not Detected	Pass

Regulatory Standard: Ministry of Health (Thailand), Swimming pool business control or other similar businesses, 2007

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Machine Room Service Floor 2
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0143
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 29/01/2026
Sample Time : 2:13 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-10-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	4.6×10^2	Not detected	Fail
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Belga bar Floor 32
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0144
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 29/01/2026
Sample Time : 2:28 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-10-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	45	Not detected	Fail
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Belga Kitchen Floor 32
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0145
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 29/01/2026
Sample Time : 2:32 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-10-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	1.3×10^4	Not detected	Fail
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Club Kitchen Floor 31
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0146
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 29/01/2026
Sample Time : 2:40 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-10-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	3.0	Not detected	Fail
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Canteen Bon Bon Floor 6
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0147
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 29/01/2026
Sample Time : 2:47 pm.
Analytical Date : 30/01-09/02/2026
Report Date : 10/02/2026
Customer Code : JP 023-10-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	14	Not detected	Fail
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Equalization Tank
Sample Type : Waste Water
Sample NO. : WW 0388
Characteristics of : Bown Sediment
Sampling by :
Sample Date : 26/02/2026
Sample Time : 2:47 pm.
Analytical Date : 27/02-12/03/2026
Report Date : 17/03/2026
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	6.9	-	-
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	136	-	-
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	253	-	-
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	344	-	-
Settleable Solids	mL/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	-	-
TKN ²⁾	mg/L	Kjeldahl Method	1.5	53	-	-
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	2.0	-	-
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-	-

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Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Clear Water Tank
Sample Type : Waste Water
Sample NO. : WW 0389
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]

Sample Date : 26/02/2026
Sample Time : 2:45 pm.
Analytical Date : 27/02-12/03/2026
Report Date : 17/03/2026
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.4	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	20	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	29	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	326	1,000	Pass
Settleable Solids	mL/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	<1.5	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	5.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Discharged to the public
Sample Type : Waste Water
Sample NO. : WW 0390
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]

Sample Date : 26/02/2026
Sample Time : 2:34 pm.
Analytical Date : 27/02-12/03/2026
Report Date : 17/03/2026
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.6	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	14	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	18	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	208	1,000	Pass
Settleable Solids	mL/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	14	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	3.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	160,000	-	-

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ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 Baan Klang Krung Biz Town, Soi Srinagarindra 46/1 (Pramote), NONG BON Sub-district, PRAWET District, BANGKOK 10250

Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Swimming Pool
Sample Type : Swimming Pool
Sample NO. : WW 0391
Characteristics of Water : Clear
Sampling by :
Sample Date : 26/02/2026
Sample Time : 1:50 pm.
Analytical Date : 27/02-12/03/2026
Report Date : 17/03/2026
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.8	7.2-8.4	Pass
Free chlorine	mg/L as Cl ₂	DPD Colorimetric Method	-	0.96	0.6-1.0	Pass
Total Bacteria ²⁾	CFU/100ml	Standard Plate Count	1.0	1.2 x 10 ²	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass
<i>E. coli</i>	/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: Ministry of Health (Thailand), Swimming pool business control or other similar businesses, 2007

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

Analyst

Laboratory Supervisor



บริษัท ตรวจวัดสิ่งแวดล้อม จำกัด

ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 หมู่บ้านบ้านกลางกรุง บิซทาวน์ ซอยศรีนครินทร์ 46/1 (ปรางมัย) แขวงหนองบอน เขตประเวศ กรุงเทพมหานคร 10250

โทรศัพท์ 0-2716-3506-7 โทรสาร 0-2716-3507

5/45 Baan Klang Krung Biz Town, Soi Srinagarindra 46/1 (Pramote), NONG BON Sub-district, PRAWET District, BANGKOK 10250

Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Tap Water Sample Date : 26/02/2026
Sample Type : Shower Water (Room NO. 1103 Floor 11) Sample Time : 2:22 pm.
Sample NO. : WW 0392 Analytical Date : 27/02-12/03/2026
Characteristics of Water : Clear Report Date : 17/03/2026
Sampling by : [REDACTED] Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
<i>E. coli</i> ²⁾	/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
<i>Legionella spp.</i> ²⁾	CFU/L	Membrane Filtration Technique	Not detected	Not detected	Not detected	Pass

Regulatory Standard : Criteria to determine the quality of tap water Metropolitan Waterworks Authority, 2017

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.



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Tel: 0-2716-3506-7

Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : ICE from Machine Canteen Floor 6
Sample Type : Drinking Water
Sample NO. : WW 0393
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 26/02/2026
Sample Time : 2:00 pm.
Analytical Date : 27/02-18/03/2569
Report Date : 18/03/2569
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Colour, Odour	-	Sensory Test	-	none	none	Pass
Turbidity	NTU	Nephelometric Method	0.01	0.25	5.0	Pass
pH	-	Electrometric Method	-	8.0	6.5-8.5	Pass
Total Solids	mg/L	Dried at 103-105 °C	2.5	134	-	-
Chlorine ²⁾	mg/L	DPD Colorimetric Method	0.5	<0.5	250	Pass
Total Hardness	mg/L	EDTA Titrimetric Method	1.0	95	300	Pass
Nitrate-Nitrogen ²⁾	mg/L	Cadmium Reduction Method	0.02	0.34	50	Pass
Sulfate ²⁾	mg/L	Turbidimetric method	1.0	11	250	Pass
Arsenic (As) ²⁾	mg/L	Hydride Generation, AAS Method	0.0003	0.0005	0.01	Pass
Barium (Ba) ²⁾	mg/L	ICP Method	0.003	0.082	0.7	Pass
Cadmium (Cd) ²⁾	mg/L	ICP Method	0.001	<0.001	0.003	Pass
Chromium (Cr) ²⁾	mg/L	ICP Method	0.001	0.001	0.05	Pass
Copper (Cu) ²⁾	mg/L	ICP Method	0.001	0.006	1.0	Pass
Iron (Fe) ²⁾	mg/L	ICP Method	0.002	0.018	0.3	Pass
Lead (Pb) ²⁾	mg/L	ICP Method	0.002	<0.002	0.01	Pass
Manganese (Mn) ²⁾	mg/L	ICP Method	0.001	0.048	0.3	Pass
Mercury (Hg) ²⁾	mg/L	Cold Vapor, AAS Method	0.0001	<0.0001	0.001	Pass
Selenium (Se) ²⁾	mg/L	Hydride Generation, AAS Method	0.0005	<0.0005	0.01	Pass
Silver (Ag) ²⁾	mg/L	ICP Method	0.003	<0.003	-	-
Zinc (Zn) ²⁾	mg/L	ICP Method	0.001	0.014	3.0	Pass
Aluminum (Al) ²⁾	mg/L	ICP Method	0.005	0.062	0.2	Pass
Phenol ²⁾	mg/L	Distillation, 4-Aminoantipyrine Method	0.001	<0.001	-	-
Cyanide ²⁾	mg/L	Distillation, Pyridine-Barbituric Acid Method	0.001	<0.001	0.07	Pass
Residual Chlorine ²⁾	mg/L	DPD Ferrous Titrimetric Method	0.1	<0.1	-	-

Analyst

Laboratory Supervisor



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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : ICE from Machine Canteen Floor 6
Sample Type : Drinking Water
Sample NO. : WW 0393
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 26/02/2026
Sample Time : 2:00 pm.
Analytical Date : 27/02-12/03/2026
Report Date : 17/03/2026
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
ABS ²⁾	mg/L	Methylene blue Method	0.035	<0.035	-	-
Fluoride ²⁾	mg/L	SPADNS Method	0.02	0.20	0.7	Pass
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	43	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected	Pass
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass
<i>Salmonella spp.</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass
<i>Clostridium perfringens</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

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ANALYSIS REPORT

Customer Name	: Sofitel Bangkok Sukhumvit		
Address	: 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110		
Contact Information	: Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com		
Sampling Location	: Canteen Floor 6	Sample Date	: 26/02/2026
Sample Type	: Drinking Water	Sample Time	: 2:08 pm.
Sample NO.	: WW 0394	Analytical Date	: 27/02-18/03/2569
Characteristics of Water	: Clear	Report Date	: 18/03/2569
Sampling by	: [REDACTED]	Customer Code	: JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Colour, Odour	-	Sensory Test	-	none	none	Pass
Turbidity	NTU	Nephelometric Method	0.01	0.43	5.0	Pass
pH	-	Electrometric Method	-	7.1	6.5-8.5	Pass
Total Solids	mg/L	Dried at 103-105 °C	2.5	173	-	-
Chlorine ²⁾	mg/L	DPD Colorimetric Method	0.5	<0.5	250	Pass
Total Hardness	mg/L	EDTA Titrimetric Method	1.0	92	300	Pass
Nitrate-Nitrogen ²⁾	mg/L	Cadmium Reduction Method	0.02	0.56	50	Pass
Sulfate ²⁾	mg/L	Turbidimetric method	1.0	16	250	Pass
Arsenic (As) ²⁾	mg/L	Hydride Generation, AAS Method	0.0003	0.0011	0.01	Pass
Barium (Ba) ²⁾	mg/L	ICP Method	0.003	0.046	0.7	Pass
Cadmium (Cd) ²⁾	mg/L	ICP Method	0.001	<0.001	0.003	Pass
Chromium (Cr) ²⁾	mg/L	ICP Method	0.001	<0.001	0.05	Pass
Copper (Cu) ²⁾	mg/L	ICP Method	0.001	<0.001	1.0	Pass
Iron (Fe) ²⁾	mg/L	ICP Method	0.002	<0.002	0.3	Pass
Lead (Pb) ²⁾	mg/L	ICP Method	0.002	<0.002	0.01	Pass
Manganese (Mn) ²⁾	mg/L	ICP Method	0.001	<0.001	0.3	Pass
Mercury (Hg) ²⁾	mg/L	Cold Vapor, AAS Method	0.0001	<0.0001	0.001	Pass
Selenium (Se) ²⁾	mg/L	Hydride Generation, AAS Method	0.0005	<0.0005	0.01	Pass
Silver (Ag) ²⁾	mg/L	ICP Method	0.003	<0.003	-	-
Zine (Zn) ²⁾	mg/L	ICP Method	0.001	0.014	3.0	Pass
Aluminum (Al) ²⁾	mg/L	ICP Method	0.005	0.040	0.2	Pass
Phenol ²⁾	mg/L	Distillation, 4-Aminoantipyrine Method	0.001	<0.001	-	-
Cyanide ²⁾	mg/L	Distillation, Pyridine-Barbituric Acid Method	0.001	<0.001	0.07	Pass
Residual Chlorine ²⁾	mg/L	DPD Ferrous Titrimetric Method	0.1	<0.1	-	-

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

Analyst

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Canteen Floor 6
Sample Type : Drinking Water
Sample NO. : WW 0394
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 26/02/2026
Sample Time : 2:08 pm.
Analytical Date : 27/02-12/03/2026
Report Date : 17/03/2026
Customer Code : JP 023-2-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
ABS ²⁾	mg/L	Methylene blue Method	0.035	<0.035	-	-
Fluoride ²⁾	mg/L	SPADNS Method	0.02	0.25	0.7	Pass
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	6.0	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected	Pass
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass
<i>Salmonella spp.</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass
<i>Clostridium perfringens</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass

Regulatory Standard: World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Equalization Tank
Sample Type : Waste Water
Sample NO. : WW 0616
Characteristics of : Black Sediment
Sampling by : M [REDACTED]

Sample Date : 23/03/2026
Sample Time : 2:43 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	6.8	-	-
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	457	-	-
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	144	-	-
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	388	-	-
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	-	-
TKN ²⁾	mg/L	Kjeldahl Method	1.5	51	-	-
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	24	-	-
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]

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Laboratory Supervisor

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089 026 6076



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Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Clear Water Tank
Sample Type : Waste Water
Sample NO. : WW 0617
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]
Sample Date : 23/03/2026
Sample Time : 2:39 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.8	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	2.8	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	4.3	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	280	1,000	Pass
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	10	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	17,000	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

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Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Discharged to the public
Sample Type : Waste Water
Sample NO. : WW 0618
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]

Sample Date : 23/03/2026
Sample Time : 2:32 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.7	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	3.4	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	2.5	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	252	1,000	Pass
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	13	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	3.5	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	4,900	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Machine Room Service Floor 2
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0624
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 23/03/2026
Sample Time : 1:28 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	2.1×10^2	-	-
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	>23	Not detected	Fail
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	-	-

Regulatory Standard: Ministry of Public Health Announcement (No. 78), 1984 & Ministry of Public Health Announcement (No. 416), 2020

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[REDACTED]
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[REDACTED]
Laboratory Supervisor





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Tel: 0-2716-3506-7

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Le Macaron Floor G
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0625
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 23/03/2026
Sample Time : 2:39 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	<1.0	-	-
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not detected	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	-	-

Regulatory Standard: Ministry of Public Health Announcement (No. 78), 1984 & Ministry of Public Health Announcement (No. 416), 2020

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]

Analyst

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ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 Baan Klang Krung B1z Town, Sol Srinagarindra 46/1 (Pramote), NONG BON Sub-district, PRAWET District, BANGKOK

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Tel: 0-2716-3506-7

Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Belga Kitchen Floor 32
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0626
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 23/03/2026
Sample Time : 1:46 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	1.7×10^3	-	-
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	1.1	Not detected	Fail
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	1.1	-	-

Regulatory Standard: Ministry of Public Health Announcement (No. 78), 1984 & Ministry of Public Health Announcement (No. 416), 2020

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]
Analyst

[REDACTED]
Laboratory Supervisor





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ANALYSIS REPORT

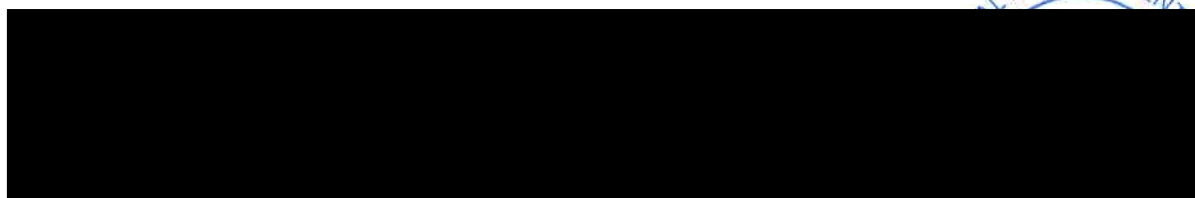
Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Belga bar Floor 32
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0627
Characteristics of Water : Clear
Sampling by : [REDACTED]

Sample Date : 23/03/2026
Sample Time : 1:50 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	50	-	-
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not detected	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	-	-

Regulatory Standard: Ministry of Public Health Announcement (No. 78), 1984 & Ministry of Public Health Announcement (No. 416), 2020

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Laboratory Supervisor





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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Club Kitchen Floor 31
Sample Type : Drinking Water (Ice)
Sample NO. : WW 0628
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 23/03/2026
Sample Time : 1:56 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Bacteria ²⁾	CFU/ml	Standard Plate Count	1.0	<1.0	-	-
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not detected	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	-	-

Regulatory Standard: Ministry of Public Health Announcement (No. 78), 1984 & Ministry of Public Health Announcement (No. 416), 2020

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]
Analyst

[REDACTED]
Laboratory Supervisor





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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Portable Water (Kitchen) Machine Room service Floor 2
Sample Type : Drinking Water
Sample NO. : WW 0620
Characteristics of Water : Clear
Sampling by : XXXXXXXXXX
Sample Date : 23/03/2026
Sample Time : 1:32 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Viable Count ²⁾	CFU/ml	Standard Plate Count	1.0	2.0	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected	Pass
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-	-
<i>Salmonella spp.</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-	-
<i>Clostridium perfringens</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass

Regulatory Standard : World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Portable Water (Kitchen) Club Kitchen Floor 31
Sample Type : Drinking Water
Sample NO. : WW 0621
Characteristics of Water : Clear
Sampling by :
Sample Date : 23/03/2026
Sample Time : 1:59 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
Total Viable Count ²⁾	CFU/ml	Standard Plate Count	1.0	<1.0	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected	Pass
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-	-
<i>Salmonella spp.</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-	-
<i>Clostridium perfringens</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected	Pass

Regulatory Standard : World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

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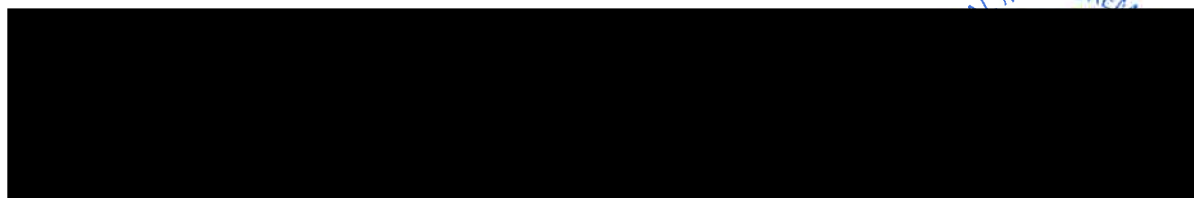
ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Swimming Pool
Sample Type : Swimming Pool
Sample NO. : WW 0619
Characteristics of Water : Clear
Sampling by :
Sample Date : 23/03/2026
Sample Time : 2:10 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH		Electrometric Method	-	7.7	7.2-8.4	Pass
Free chlorine	mg/L as Cl ₂	DPD Colorimetric Method	-	0.7	0.6-1.0	Pass
Total Bacteria ²⁾	CFU/100ml	Standard Plate Count	1.0	44	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	10	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass
E. coli	/100ml	Multiple-Tube Fermentation Technique	1.1	<1.1	Not Detected	Pass

Regulatory Standard: Ministry of Health (Thailand), Swimming pool business control or other similar businesses, 2007

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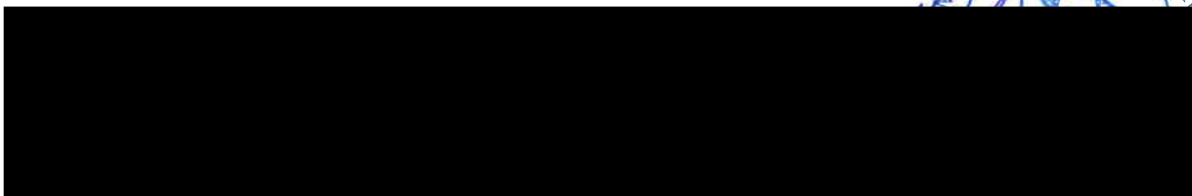
ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Tap Water Sample Date : 23/03/2026
Sample Type : Spa Water (Verbena room Floor 9) Sample Time : 2:46 pm.
Sample NO. : WW 0622 Analytical Date : 24/03-08/04/2026
Characteristics of Water : Clear Report Date : 08/04/2026
Sampling by : [REDACTED] Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
<i>E. coli</i> ²⁾	/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass
<i>Legionella spp.</i> ²⁾	CFU/L	Membrane Filtration Technique	Not detected	Not detected	Not detected	Pass

Regulatory Standard : Criteria to determine the quality of tap water Metropolitan Waterworks Authority, 2017

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Tap Water
Sample Type : Jacuzzi (Room No. 2718)
Sample NO. : WW 0623
Characteristics of Water : Clear
Sampling by :
Sample Date : 23/03/2026
Sample Time : 2:18 pm.
Analytical Date : 24/03-08/04/2026
Report Date : 08/04/2026
Customer Code : JP 023-3-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.8	6.5-8.5	Pass
Free chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	0.8	0.2-2.0	Pass
Total Bacteria ²⁾	CFU/100ml	Standard Plate Count	1.0	4.0 x 10 ⁴	-	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected	Pass
Fecal Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	-	-
E. coli ²⁾	/100ml	MPN Method, Detection	1.1	<1.1	Not detected	Pass

Regulatory Standard : Criteria to determine the quality of tap water Metropolitan Waterworks Authority, 2017

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.





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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Equalization Tank
Sample Type : Waste Water
Sample NO. : WW 0972
Characteristics of : Brown Sediment
Sampling by : [REDACTED]
Sample Date : 30/04/2026
Sample Time : 2:05 pm.
Analytical Date : 30/04-14/05/2569
Report Date : 15/05/2569
Customer Code : JP 023-4-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	6.9	-	-
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	285	-	-
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	118	-	-
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	304	-	-
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	-	-
TKN ²⁾	mg/L	Kjeldahl Method	1.5	39	-	-
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	-	-
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

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[REDACTED]

Analyst

Laboratory Supervisor



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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Clear Water Tank
Sample Type : Waste Water
Sample NO. : WW 0973
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]
Sample Date : 30/04/2026
Sample Time : 2:02 pm.
Analytical Date : 30/04-14/05/2569
Report Date : 15/05/2569
Customer Code : JP 023-4-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.6	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	4.8	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	2.8	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	282	1,000	Pass
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	7.5	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	4,900	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

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[REDACTED]
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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Discharged to the public
Sample Type : Waste Water
Sample NO. : WW 0974
Characteristics of Water : Yellow Sediment
Sampling by :
Sample Date : 30/04/2026
Sample Time : 1:54 pm.
Analytical Date : 30/04-14/05/2569
Report Date : 15/05/2569
Customer Code : JP 023-4-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard	Result Summary
pH	-	Electrometric Method	-	7.5	5.5-9.0	Pass
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	<2.0	20	Pass
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	<2.5	30	Pass
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	554	1,000	Pass
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0	Pass
TKN ²⁾	mg/L	Kjeldahl Method	1.5	<1.5	35	Pass
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20	Pass
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	<1.8	-	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

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ANALYSIS REPORT

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Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Equalization Tank
Sample Type : Waste Water
Sample NO. : WW 1198
Characteristics of : Brown Sediment
Sampling by :
Sample Date : 21/05/2026
Sample Time : 4:30 pm.
Analytical Date : 21/05-05/06/2569
Report Date : 05/06/2569
Customer Code : JP 023-5-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
pH	-	Electrometric Method	-	7.0	-
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	109	-
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	174	-
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	298	-
Settleable Solids	mL/L	Volumetric Method	0.1	<0.1	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	-
TKN ²⁾	mg/L	Kjeldahl Method	1.5	46	-
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	50	-
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

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Laboratory Supervisor



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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Clear Water Tank **Sample Date** : 21/05/2026
Sample Type : Waste Water **Sample Time** : 4:25 pm.
Sample NO. : WW 1199 **Analytical Date** : 21/05-05/06/2569
Characteristics of Water : Yellow Sediment **Report Date** : 05/06/2569
Sampling by : [REDACTED] **Customer Code** : JP 023-5-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
pH	-	Electrometric Method	-	7.4	5.5-9.0
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	5.4	20
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	7.3	30
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	412	1,000
Settleable Solids	m/L	Volumetric Method	0.1	<0.1	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0
TKN ²⁾	mg/L	Kjeldahl Method	1.5	<1.5	35
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	1,100	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]
Analyst

[REDACTED]
Laboratory Supervisor





ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 Baan Klang Krung Biz Town, Sol Srnagarindra 46/1 (Pramote), NONG BON Sub-district, PRAWET District, BANGKOK 10250

Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Discharged to the public
Sample Type : Waste Water
Sample NO. : WW 1200
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]
Sample Date : 21/05/2026
Sample Time : 4:45 pm.
Analytical Date : 21/05-05/06/2569
Report Date : 05/06/2569
Customer Code : JP 023-5-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
pH	-	Electrometric Method	-	7.6	5.5-9.0
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	4.2	20
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	4.5	30
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	382	1,000
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0
TKN ²⁾	mg/L	Kjeldahl Method	1.5	5.9	35
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	330	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]
Analyst

[REDACTED]
Laboratory Supervisor



บริษัท ตรวจวัดสิ่งแวดล้อม จำกัด

ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 หมู่บ้านบ้านกลางกรุง ปิชาทวณ ซอยศรีนครินทร์ 46/1 (ปรางโมทย์) แขวงหนองบอน เขตประเวศ กรุงเทพมหานคร 10250

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Tap Water
Sample Type : Shower Water (Room NO. 2208)
Sample NO. : WW 1201
Characteristics of Water : Clear
Sampling by :
Sample Date : 21/05/2026
Sample Time : 3:55 pm.
Analytical Date : 22/05-02/06/2026
Report Date : 02/06/2026
Customer Code : JP 023-5-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
<i>E. coli</i> ²⁾	/100ml	MPN Method, Detection	1.1	<1.1	Not detected
<i>Legionella spp.</i> ²⁾	CFU/L	Membrane Filtration Technique	Not detected	500	Not detected

Regulatory Standard : Criteria to determine the quality of tap water Metropolitan Waterworks Authority, 2017

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.





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Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : The waterfall in front of the hotel
Sample Type : Tap Water
Sample NO. : WW 1202
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 21/05/2026
Sample Time : 4:05 pm.
Analytical Date : 22/05-02/06/2026
Report Date : 02/06/2026
Customer Code : JP 023-5-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
<i>Legionella spp.</i> ²⁾	CFU/L	Membrane Filtration Technique	Not detected	Not detected	Not detected

Regulatory Standard : Criteria to determine the quality of tap water Metropolitan Waterworks Authority, 2017

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.





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Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Equalization Tank
Sample Type : Waste Water
Sample NO. : WW 1527
Characteristics of : Brown Sediment
Sampling by : [REDACTED]

Sample Date : 25/06/2026
Sample Time : 3:13 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
pH	-	Electrometric Method	-	7.0	-
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	476	-
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	252	-
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	244	-
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	-
TKN ²⁾	mg/L	Kjeldahl Method	1.5	42	-
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	136	-
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	>160,000	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED SIGNATURE]

Laboratory Supervisor



ENVIRONMENTAL MEASUREMENTS CO., LTD.

5/45 Baan Klang Krung Blz Town, Sol Srinagarindra 46/1 (Pramote), NONG BON Sub-district, PRAWET District, BANGKOK 10250

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupara@sofitel.com
Sampling Location : Clear Water Tank
Sample Type : Waste Water
Sample NO. : WW 1528
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]
Sample Date : 25/06/2026
Sample Time : 3:09 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
pH	-	Electrometric Method	-	6.8	5.5-9.0
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	7.1	20
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	3.4	30
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	344	1,000
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0
TKN ²⁾	mg/L	Kjeldahl Method	1.5	5.3	35
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	2.6	20
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	13,000	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Discharged to the public
Sample Type : Waste Water
Sample NO. : WW 1529
Characteristics of Water : Yellow Sediment
Sampling by : [REDACTED]
Sample Date : 25/06/2026
Sample Time : 3:20 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
pH	-	Electrometric Method	-	7.2	5.5-9.0
BOD	mg/L	5-Day BOD Test, Membrane Electrode Method	2.0	4.0	20
Total Suspended Solids	mg/L	Dried at 103-105 °C	2.5	3.7	30
Total Dissolved Solids	mg/L	Dried at 180 °C	2.5	432	1,000
Settleable Solids	ml/L	Volumetric Method	0.1	<0.1	-
Sulfide	mg/L	Iodometric Method	1.0	<1.0	1.0
TKN ²⁾	mg/L	Kjeldahl Method	1.5	7.3	35
Oil & Grease	mg/L	Liquid-Liquid Partition-Gravimetric Method	2.0	<2.0	20
Residue Chlorine	mg/L as Cl ₂	DPD Colorimetric Method	0.10	<0.10	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	Multiple-Tube Fermentation Technique	1.8	13,000	-

Regulatory Standard: Announcement of the Ministry of Science Technology and Environment Subject: Establishing Control Standards Drainage from certain types and sizes of buildings

: Method of Analysis Reference: Standard Method for Examination of Water and Wastewater, 24th Edition, 2023

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Tel: 0-2716-3506-7 Fax: 0-2716-3507

ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Portable Water (Kitchen) Club M Floor 31
Sample Type : Drinking Water
Sample NO. : WW 1530
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 25/06/2026
Sample Time : 2:39 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
Total Viable Count ²⁾	CFU/ml	Standard Plate Count	1.0	40	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-
<i>Salmonella spp.</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-
<i>Clostridium perfringens</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected

Regulatory Standard : World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.





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5/45 หมู่บ้านบ้านกลางกรุง ปิซทาวน์ ซอยศรีนครินทร์ 46/1 (ปราโมทย์) แขวงหนองบอน เขตประเวศ กรุงเทพมหานคร 10250

โทรศัพท์ 0-2716-3506-7 โทรสาร 0-2716-3507

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Portable Water (Kitchen) BELGA Floor 32
Sample Type : Drinking Water
Sample NO. : WW 1531
Characteristics of Water : Clear
Sampling by : [REDACTED]
Sample Date : 25/06/2026
Sample Time : 2:43 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
Total Viable Count ²⁾	CFU/ml	Standard Plate Count	1.0	3.9×10^2	-
Total Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	-
Fecal Coliform Bacteria ²⁾	MPN/100ml	MPN Method	1.1	<1.1	Not detected
<i>E. coli</i> ²⁾	MPN/100ml	MPN Method, Detection	1.1	<1.1	Not detected
<i>Staphylococcus aureus</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-
<i>Salmonella spp.</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	-
<i>Clostridium perfringens</i> ²⁾	/100ml	Membrane Filtration	Not detected	Not detected	Not detected

Regulatory Standard : World Health Organization Recommendation Criteria for Drinking Water Quality, 2013

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.





ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Cooling Water
Sample Type : Cooling Water
Sample NO. : WW 1533
Characteristics of Water : Clear, Yellow
Sampling by : [REDACTED]
Sample Date : 25/06/2026
Sample Time : 2:47 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
<i>E. Coli</i> ²⁾	/100ml	MPN Method, Detection	1.8	<1.8	-
<i>Legionella spp.</i> ²⁾	/100ml	Membrane Filtration Method	Not detected	Not detected	Not detected

Regulatory Standard: Announcement of the department of health (Thailand), Practice for the control of legionella bacteria in cooling towers, January 2001

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.

[REDACTED]
Laboratory Supervisor



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5/45 หมู่บ้านบ้านกลางกรุง ปิซทาว์น ซอยศรีนครินทร์ 46/1 (ปราโมทย์) แขวงหนองบอน เขตประเวศ กรุงเทพมหานคร 10250

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ANALYSIS REPORT

Customer Name : Sofitel Bangkok Sukhumvit
Address : 189 Sukhumvit Road Klong Toei Nuea Watthana Bangkok 10110
Contact Information : Tel. 089-026-6076 e-mail: Jintana.punupar@sofitel.com
Sampling Location : Tap Water
Sample Type : Spa Water (ALMOND Room)
Sample NO. : WW 1532
Characteristics of Water : Clear
Sampling by :
Sample Date : 25/06/2026
Sample Time : 2:22 pm.
Analytical Date : 26/06-07/07/2026
Report Date : 08/07/2026
Customer Code : JP 023-6-00

Parameter	Unit	Method of Analysis	Detection Limit	Result	Regulatory Standard
<i>E. coli</i> ²⁾	/100ml	MPN Method, Detection	1.1	<1.1	-
<i>Legionella spp.</i> ²⁾	CFU/L	Membrane Filtration Technique	Not detected	Not detected	Not detected

Regulatory Standard : Criteria to determine the quality of tap water Metropolitan Waterworks Authority, 2017

: ²⁾ Subcontract: United Analyst and Engineering Consultant Co., Ltd.