

ภาคผนวก ง

หนังสือรับรองผลการตรวจวัดคุณภาพ
สิ่งแวดล้อม



บริษัท อาควา นิชิฮาระ คอร์ปอเรชั่น จำกัด
AQUA NISHIHARA CORPORATION LIMITED



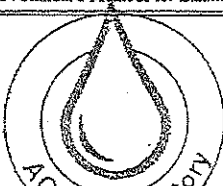
WATER AND WASTEWATER ANALYSIS REPORT

Customer Information

Client Name : Operate
Sampling Date : 20/07/2023
Sampling Source : Marriott Hotel
Address : 90 ซอยสุขุมวิท 24 แขวงคลองตัน เขตคลองเตย กรุงเทพฯ
Sampling by : Client
Sampling Method : Grab
Sampling Conditions : WT2795, รุ่น สีเหลืองอ่อน มีตะกอน มีกลิ่น
: WT2796, ใส ไม่มีกลิ่น มีตะกอนเจือปน ไม่มีกลิ่น

Lab Information

Received Date : 21/07/2023
Analytical Date : 21/07/2023-07/08/2023
Report Date : 07/08/2023
Sample Code : AQAT0721-01
Lab Data : LAB23070103
Report No. : 2023/1075

Parameter/Item	Unit	Analysis Methods #	Result		Standard
Sampling Locate			EQ	Eff.	
			WT2795	WT2796	
pH****	-	Electrometric Method	7.3	7.5	5-9
BOD	mg/l	STM, Part 5210B, 4500-OC	130	<10	<20
TDS	mg/l	STM, Part 2540 C	346	304	<500*
Sec.S****	ml/l	Imhoff Cone	-	<0.5	<0.5
FOG****	mg/l	Soxhlet Extraction Method	38	<5.0	<20
TKN****	mg/l N	Macro-Kjeldahl Method	-	2	<35
Sulfide****	mg/l S	Iodometric Method	-	<1.0	<1.0
TSS	mg/L	STM, Part 2540 D	83	<5.0	<30
<p>Remark * Inhouse Method base on Standard Method APHA, AWWA, WEF 23 rd Edition 2017</p> <p>** Reported results refer to submitted sample only.</p> <p>*** This report shall not be reproduced, except in full, without prior approval of the Company.</p> <p>**** Test marked Not TISI Accredited in this Report are not included in the TISI Accreditation Schedule for our Laboratory</p> <p>Reference STM : Standard Methods for Examination of Water and Wastewater 23 rd ED., 2017 (AWWA, APHA, WEF)</p>					
			<p>AQUA NISHIHARA CORP., LTD REGISTERED LAB NO. 3-321</p>		
<p>นางสาวประไพ นงนิตย์ 7-321-ก-9292 หัวหน้าห้องปฏิบัติการ 07/08/2023</p>					



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AQUA NISHIHARA CORPORATION LIMITED




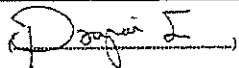
WATER AND WASTEWATER ANALYSIS REPORT

Customer Information

Client Name : Operate
Sampling Date : 17/08/2023
Sampling Source : Marriot Hotel
Address : 90 ซอยสุขุมวิท 24 แขวงคลองตัน เขตคลองเตย กรุงเทพฯ
Sampling by : Client
Sampling Method : Grab
Sampling Conditions : WT3086, ปูน สีเหลืองอ่อน มีตะกอน นิดหน่อย
: WT3087, ปูน สีเหลืองอ่อน มีตะกอนขาวนวล นิดหน่อย ไม่มีกลิ่น

Lab Information

Received Date : 18/08/2023
Analytical Date : 18/08/2023-30/08/2023
Report Date : 30/08/2023
Sample Code : AQAR0818-01
Lab Data : LAB23080086
Report No. : 2023/1181

Parameter/Item	Unit	Analysis Methods #	Result		Standard
Sampling Locate			EQ	EP	
			WT3086	WT3087	
pH****	-	Electrometric Method	7.4	7.7	5-9
BOD	mg/l	STM, Part 5210B, 4500-OC	132	<10	<20
TDS	mg/l	STM, Part 2540 C	-	318	<500*
Sett.S****	ml/l	Imhoff Cone	-	<0.5	<0.5
FOG****	mg/l	Soxhlet Extraction Method	40	<5.0	<20
TKN****	mg/l N	Macro-Kjeldahl Method	-	2	<35
Sulfide****	mg/l S	Iodometric Method	-	<1.0	<1.0
TSS	mg/L	STM, Part 2540 D	123	10	<30
<p>Remark * Inhouse Method base on Standard Method APHA, AWWA, WEF, 23rd Edition 2017</p> <p>** Reported results refer to submitted sample only.</p> <p>*** This report shall not be reproduced, except in full, without prior approval of the Company.</p> <p>**** Test marked Not TISI Accredited in this Report are not included in the TISI Accreditation Schedule for our Laboratory</p> <p>Reference STM : Standard Methods for Examination of Water and Wastewater 23rd ED., 2017 (AWWA, APHA, WEF)</p>					
			<p> นางสาวประไพ แก้วสายบัว 7-321-ก-9292 หัวหน้าห้องปฏิบัติการ 30/08/2023</p>		
			<p>AQUA NISHIHARA CORP., LTD REGISTERED LAB NO. 7-321</p>		



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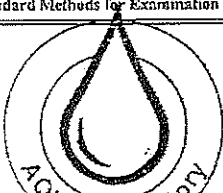
WATER AND WASTEWATER ANALYSIS REPORT

Customer Information

Client Name : Operate
Sampling Date : 22/09/2023
Sampling Source : Marriott Hotel
Address : 90 ซอยสุขุมวิท 24 แขวงคลองตัน เขตคลองเตย กรุงเทพฯ
Sampling by : Client
Sampling Method : Grab
Sampling Conditions : WT3547, พื้น อิมทา มีตะกอน นึกกลิ่น
: WT3548, โส ถึงห้องอ่อน นึกคอนเพวนลอย ไม่มีกลิ่น

Lab Information

Received Date : 25/09/2023
Analytical Date : 25/09/2023-05/10/2023
Report Date : 05/10/2023
Sample Code : AQA0925-01
Lab Data : LAB23090123
Report No. : 2023/1348

Parameter/Item	Unit	Analysis Methods #	Result		Standard
Sampling Locate			EQ	EM	
			WT3547	WT3548	
pH****	-	Electrometric Method	7.5	7.4	5-9
BOD	mg/l	STM, Part 5210B, 4500-OC	66	<10	<20
TDS	mg/l	STM, Part 2540 C	-	285	<500*
Sett****	ml/l	Imhoff Conc	-	<0.5	<0.5
FOG****	mg/l	Soxhlet Extraction Method	32	<5.0	<20
TKN****	mg/l N	Macro-Kjeldahl Method	-	1	<35
Sulfide****	mg/l S	Iodometric Method	-	<1.0	<1.0
TSS	mg/l	STM, Part 2540 D	92	<5.0	<30
<p>Remark * Inhouse Method base on Standard Method APHA, AWWA, WEF 23 rd Edition 2017</p> <p>** Reported results refer to submitted sample only.</p> <p>*** This report shall not be reproduced, except in full, without prior approval of the Company.</p> <p>**** Test marked Not TISI Accredited in this Report are not included in the TISI Accreditation Schedule for our Laboratory</p> <p>Reference STM : Standard Methods for Examination of Water and Wastewater 23 rd ED., 2017 (AWWA, APHA, WEF)</p>					
			<p>AQUA NISHIHARA CORP., LTD</p> <p>REGISTERED LAB NO. 3-321</p>		
<p>นางสาวประไพ แก่งมลายิว 7-321-ก-9292</p> <p>หัวหน้าห้องปฏิบัติการ</p> <p>05/10/2023</p>					



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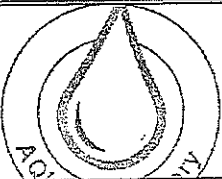
WATER AND WASTEWATER ANALYSIS REPORT

Customer Information

Client Name : Operate
Sampling Date : 19/10/2023
Sampling Source : Marriott Hotel
Address : 90 ซอยสุขุมวิท 24 แขวงคลองตัน เขตคลองเตย กรุงเทพฯ
Sampling by : Client
Sampling Method : Grab
Sampling Conditions : WT3903, รุ่น สีเหลืองอ่อน มีตะกอน มีกลิ่น
: WT3904, สี สีเหลืองอ่อน มีตะกอนแฉะน้อย มีกลิ่น

Lab Information

Received Date : 20/10/2023
Analytical Date : 20/10/2023-03/11/2023
Report Date : 03/11/2023
Sample Code : AQAA1020-01
Lab Data : LAB23100097
Report No. : 2023/1466

Parameter/Item	Unit	Analysis Methods #	Result		Standard
Sampling Locate			EQ	ENT	
			WT3903	WT3904	
pH****	-	Electrometric Method	7.1	7.2	5-9
BOD	mg/l	STM, Part 5210B, 4500-OC	99	<10	<20
TDS	mg/l	STM, Part 2540 C	-	217	<500*
Set.S****	ml/l	Inhouse Cone	-	<0.5	<0.5
FOG****	mg/l	Soxhlet Extraction Method	37	<5.0	<20
TKN****	mg/l N	Macro-Kjeldahl Method	-	2	<35
Sulfide****	mg/l S	Iodometric Method	-	<1.0	<1.0
TSS	mg/L	STM, Part 2540 D	79	6	<30
<p>Remark * Inhouse Method base on Standard Method APHA, AWWA, WEF 23 rd Edition 2017</p> <p>** Reported results refer to submitted sample only.</p> <p>*** This report shall not be reproduced, except in full, without prior approval of the Company.</p> <p>**** Test marked Not TISI Accredited in this Report are not included in the TISI Accreditation Schedule for our Laboratory</p> <p>Reference STM : Standard Methods for Examination of Water and Wastewater 23 rd ED., 2017 (AWWA, APHA, WEF)</p>					
			<p>AQUA NISHIHARA CORP., LTD</p> <p>REGISTERED LAB NO. 3-321</p>		



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AQUA NISHIHARA CORPORATION LIMITED




WATER AND WASTEWATER ANALYSIS REPORT

Customer Information

Client Name : Operate
Sampling Date : 22/11/2023
Sampling Source : Marriott Hotel
Address : 90 อาคาร โรงแรม แมริออท เอ็กซีคิวทีฟ อพาร์ทเมนต์ สุขุมวิท พาร์ค
กรุงเทพฯ ซอยสุขุมวิท 24 สุขุมวิท แขวงคลองตัน เขตคลองเตย
Sampling by : Client
Sampling Method : Grab
Sampling Conditions : WT4273, ปูน สีเทาอ่อน มีตะกอน มีกลิ่น
: WT4274, ปูน สีเทาอ่อน มีตะกอน มีกลิ่น

Lab Information

Received Date : 23/11/2023
Analytical Date : 23/11/2023-01/12/2023
Report Date : 01/12/2023
Sample Code : AQAQ1123-01
Lab Data : LAB23110118
Report No. : 2023/1607

Parameter/Item	Unit	Analysis Methods #	Result		Standard
Sampling Locate			Influent WT4273	Effluent WT4274	
pH****	-	Electrometric Method	7.2	7.7	5-9
BOD	mg/l	STM, Part 5210B, 4500-OC	134	20	<20
TDS	mg/l	STM, Part 2540 C	-	253	<500*
Sett.S****	ml/l	Imhoff Cone	-	<0.5	<0.5
FOG****	mg/l	Soxhlet Extraction Method	44	11	<20
TKN****	mg/l N	Macro-Kjeldahl Method	-	16	<35
Sulfide****	mg/l S	Iodometric Method	-	<1.0	<1.0
TSS	mg/L	STM, Part 2540 D	102	33	<30
<p>Remark * Inhouse Method base on Standard Method APHA, AWWA, WEF, 23 rd Edition 2017</p> <p>** Reported results refer to submitted sample only.</p> <p>*** This report shall not be reproduced, except in full, without prior approval of the Company.</p> <p>**** Test marked Not TISI Accredited in this Report are not included in the TISI Accreditation Schedule for our Laboratory</p> <p>Reference STM : Standard Methods for Examination of Water and Wastewater 23 rd ED, 2017 (AWWA, APHA, WEF)</p>					
			<p>AQUA NISHIHARA CORP., LTD</p> <p>REGISTERED LAB NO. 2-321</p>		



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WATER AND WASTEWATER ANALYSIS REPORT

Customer Information

Client Name : Operate
Sampling Date : 14/12/2023
Sampling Source : Marriott Hotel
Address : 90 อาคาร โรงแรม แมริออท เซ็นทรัลพลาซ่า อพาร์ตเมนต์ สุขุมวิท พาร์ค
กรุงเทพ ซอยสุขุมวิท 24 ด.สุขุมวิท แขวงคลองตัน เขตคลองเตย
Sampling by : Client
Sampling Method : Grab
Sampling Conditions : WT4530, ซุ่ม สีเทา มีตะกอน มีกลิ่น
: WT4531, ใส ไม่มีสี ไม่มีตะกอน ไม่มีกลิ่น

Lab Information

Received Date : 15/12/2023
Analytical Date : 15/12/2023-22/12/2023
Report Date : 22/12/2023
Sample Code : AQAT1215-01
Lab Data : LAB23120072
Report No. : 2023/1709

Parameter/Item	Unit	Analysis Methods #	Result		Standard
Sampling Locate			Influent	Effluent	
			WT4530	WT4531	
pH****	-	Electrometric Method	7.2	7.6	5-9
BOD	mg/l	STM, Part 5210B, 4500-OC	72	<10	<20
TDS	mg/l	STM, Part 2540 C	281	262	<500*
Set.S****	ml/l	Inhoff Cone	-	<0.5	<0.5
FOG****	mg/l	Soxhlet Extraction Method	18	<5.0	<20
TKN****	mg/l N	Macro-Kjeldahl Method	-	3	<35
Sulfide****	mg/l S	Iodometric Method	-	<1.0	<1.0
TSS	mg/L	STM, Part 2540 D	147	<5.0	<30
<p>Remark : * Inhouse Method base on Standard Method APHA, AWWA, WEF, 23 rd Edition 2017</p> <p>** Reported results refer to submitted sample only.</p> <p>*** This report shall not be reproduced, except in full, without prior approval of the Company.</p> <p>**** Test marked Not TISI Accredited in this Report are not included in the TISI Accreditation Schedule for our Laboratory</p> <p>Reference STM : Standard Methods for Examination of Water and Wastewater 23 rd ED., 2017 (AWWA, APHA, WEF)</p>					
			<p>AQUA NISHIHARA CORP., LTD</p> <p>REGISTERED LAB NO. 7-321</p>		
<p>นางสาวประไพ แสงฉายบัว 2-321-ก-9292</p> <p>หัวหน้าห้องปฏิบัติการ</p> <p>22/12/2023</p>					



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 06/07/2023

Sampling Time : 11:50 AM

Received Date : 06/07/2023

Analytical Date : 06 - 10/07/2023

Report Date : 11/07/2023

Report No. : R16124/66

Parameters	Unit	Method	TW15300 /66	Standard ^a
			Pool	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2017 (9221 F, Detection)	not found	negative
Sample Condition		Observation	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

B. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

11/07/2023



Miss ORASA YUBUA

Technical Manager

11/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 06/07/2023

Sampling Time : 11:50 AM

Received Date : 06/07/2023

Analytical Date : 06 - 10/07/2023

Report Date : 11/07/2023

Report No. : R16123/66

Parameters	Unit	Method	TW15300 /66	Standard ^a
			Pool	
pH (25°C)	-	Based on SM 2017 (4500-H ⁺ B)	7.8	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	1.82	0.6-1.0
Sample Condition		Observation	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)



Miss PRANGTIP RAKSASUK

Analyst

11/07/2023



Miss ORASA YUBUA

Technical Manager

11/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Water Supply

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 06/07/2023

Sampling Time : 11:50 AM

Received Date : 06/07/2023

Analytical Date : 06 - 10/07/2023

Report Date : 11/07/2023

Report No. : R16122/66

Parameters	Unit	Method	TW15299 /66
			Supply Water
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	272
Sample Condition		Observation	Clear

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

Miss NARISARA PONGPILA

Analyst

11/07/2023



Miss ORASA YUBUA

Technical Manager

11/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 06/07/2023

Sampling Time : 11:40 AM

Received Date : 06/07/2023

Analytical Date : 06 - 12/07/2023

Report Date : 14/07/2023

Report No. : R16472/66

Parameters	Unit	Method	TW15301 /66	Standard ^a (Type B)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	7.2	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	12	≤ 30
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	8	≤ 40
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	384	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N _{org} B)	2.1	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Particles	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

H. Kuttleya
Miss KUTTLEEYA HAWHAN
Analyst
14/07/2023

Y. Orasa
Miss ORASA YUBUA
Technical Manager
14/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 08/08/2023

Sampling Time : 11:50 AM

Received Date : 08/08/2023

Analytical Date : 08 - 11/08/2023

Report Date : 14/08/2023

Report No. : R18897/66

Parameters	Unit	Method	TW17835 /66	Standard ^a
			Pool	
pH (25°C)	-	Based on SM 2017 (4500-H ⁺ B)	7.5	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.64	0.6-1.0
Sample Condition		Observation	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

14/08/2023



Miss ORASA YUBUA

Technical Manager

14/08/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 08/08/2023

Sampling Time : 11:50 AM

Received Date : 08/08/2023

Analytical Date : 08 - 11/08/2023

Report Date : 14/08/2023

Report No. : R18898/66

Parameters	Unit	Method	TW17835 /66	Standard ²
			Pool	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2017 (9221 F, Detection)	not found	negative
Sample Condition		Observation	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

E. Nisachol

Miss NISACHOL EUNGKLIENG

Analyst

14/08/2023



Miss ORASA YUBUA

Technical Manager

14/08/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd. Sampling Method : Grab

Sampling Date : 08/08/2023 Sampling Time : 12:00 PM

Received Date : 08/08/2023 Analytical Date : 08 - 15/08/2023

Report Date : 16/08/2023 Report No. : R19088/66

Parameters	Unit	Method	TW17837 /66	Standard ^a (Type B)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	7.3	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	7.5	≤ 30
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	7	≤ 40
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	472	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N _{org} B)	4.2	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, a little bit Particles	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

H. Kuttleya

Miss KUTILEEYA HAWHAN

Analyst

16/08/2023

บริษัท เทสท์ เทค จำกัด

TEST TECH CO., LTD.

Miss ORASA YUBUA

Technical Manager

16/08/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Water Supply

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 08/08/2023

Sampling Time : 11:50 AM

Received Date : 08/08/2023

Analytical Date : 08 - 11/08/2023

Report Date : 14/08/2023

Report No. : R18899/66

Parameters	Unit	Method	TW17836 /66
			Supply Water
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	278
Sample Condition		Observation	Clear

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

Miss SOPITTHA JAIDEECHEY

Analyst

14/08/2023

Miss ORASA YUBUA

Technical Manager

14/08/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Water Supply

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 07/09/2023

Sampling Time : 11:45 AM

Received Date : 07/09/2023

Analytical Date : 07 - 11/09/2023

Report Date : 12/09/2023

Report No. : R21431/66

Parameters	Unit	Method	TW20377 /66
			Supply Water
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	256
Sample Condition		Observation	Clear

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

Miss NARISARA PONGPILA

Analyst

12/09/2023



Miss ORASA YUBUA

Technical Manager

12/09/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 07/09/2023

Sampling Time : 11:45 AM

Received Date : 07/09/2023

Analytical Date : 07 - 11/09/2023

Report Date : 12/09/2023

Report No. : R21429/66

Parameters	Unit	Method	TW20376 /66	Standard ^a
			Pool	
pH (25°C)	-	Based on SM 2017 (4500-H ⁺ B)	7.5	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.49	0.6-1.0
Sample Condition		Observation	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205, dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

12/09/2023

บริษัท เทสท์ เทค จำกัด

TEST TECH CO., LTD.

Miss ORASA YUBUA

Technical Manager

12/09/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 07/09/2023

Sampling Time : 11:45 AM

Received Date : 07/09/2023

Analytical Date : 07 - 11/09/2023

Report Date : 12/09/2023

Report No. : R21430/66

Parameters	Unit	Method	TW20376 /66	Standard ^a
			Pool	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2017 (9221 F, Detection)	not found	negative
Sample Condition		Observation	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

12/09/2023



Miss ORASA YUBUA

Technical Manager

12/09/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.



TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 07/09/2023

Sampling Time : 11:50 AM

Received Date : 07/09/2023

Analytical Date : 07 - 13/09/2023

Report Date : 15/09/2023

Report No. : R21715/66

Parameters	Unit	Method	TW20378 /66	Standard ^a (Type B)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	7.5	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	13	≤ 30
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	12	≤ 40
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	426	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N _{org} B)	2.1	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Brown Particles	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Chonnikarn
Miss CHONNIKARN SITTIPORM

Analyst
15/09/2023



Technical Manager
15/09/2023

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Test report shall not be reproduced except in full, without written approved of the laboratory.

The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 04/10/2023

Sampling Time : 11:20 AM

Received Date : 04/10/2023

Analytical Date : 04 - 07/10/2023

Report Date : 09/10/2023

Report No. : R23763/66

Parameters	Unit	Method	TW22652 /66	Standard ^a
			Pool	
pH (25°C)	-	Based on SM 2023 (4500-H ⁺ B)	6.8	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.64	0.6-1.0
Sample Condition		Observation	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205, dated October 14,

B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

09/10/2023



Miss ORASA TUBUA

Technical Manager

09/10/2023

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 04/10/2023

Sampling Time : 11:20 AM

Received Date : 04/10/2023

Analytical Date : 04 - 07/10/2023

Report Date : 09/10/2023

Report No. : R23764/66

Parameters	Unit	Method	TW22652 /66	Standard ^a
			Pool	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	negative
Sample Condition		Observation	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Daughatai

Miss DOUGHATAI RERMWANICH

Analyst

09/10/2023



Miss ORASA YUBUA

Technical Manager

09/10/2023

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 04/10/2023

Sampling Time : 11:15 AM

Received Date : 04/10/2023

Analytical Date : 04 - 10/10/2023

Report Date : 12/10/2023

Report No. : R24009/66

Parameters	Unit	Method	TW22654 /66	Standard ^a (Type B)
			Effluent	
pH	-	SM 2023 (4500-H ⁺ B)	7.2	5.0 - 9.0
BOD	mg/L	SM 2023 (5210 B, 4500-O G)	16	≤ 30
* Total Suspended Solids	mg/L	SM 2023 (2540 D)	10	≤ 40
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	396	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	2.8	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Brown Particles	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Chonnikarn

Miss CHONNIKARN SITTIPORM

Analyst

12/10/2023



Miss KRASA TUBUA

Technical Manager

12/10/2023

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Water Supply

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 04/10/2023

Sampling Time : 11:20 AM

Received Date : 04/10/2023

Analytical Date : 04 - 09/10/2023

Report Date : 10/10/2023

Report No. : R23803/66

Parameters	Unit	Method	TW22653 /66
			Supply Water
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	236
Sample Condition		Observation	Clear

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

Miss NARISARA PONGPILA

Analyst

10/10/2023



Technical Manager

10/10/2023

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 06/11/2023

Sampling Time : 11:55 AM

Received Date : 06/11/2023

Analytical Date : 06 - 09/11/2023

Report Date : 10/11/2023

Report No. : R26296/66

Parameters	Unit	Method	TW25056 /66	Standard ^a
			Pool	
pH (25°C)	-	Based on SM 2023 (4500-H ⁺ B)	7.6	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.81	0.6-1.0
Sample Condition		Observation	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

10/11/2023

Miss ORASA YUBUA
Technical Manager

10/11/2023

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 06/11/2023

Sampling Time : 11:55 AM

Received Date : 06/11/2023

Analytical Date : 06 - 09/11/2023

Report Date : 10/11/2023

Report No. : R26297/66

Parameters	Unit	Method	TW25056 /66	Standard ^a
			Pool	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	negative
Sample Condition		Observation	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

10/11/2023



10/11/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 27/11/2023

Sampling Time : 09:45 AM

Received Date : 28/11/2023

Analytical Date : 28/11 - 04/12/2023

Report Date : 06/12/2023

Report No. : R28509/66

Parameters	Unit	Method	TW27003 /66	Standard ^a (Type B)
			Effluent	
pH	-	SM 2023 (4500-H ⁺ B)	7.5	5.0 - 9.0
BOD	mg/L	SM 2023 (5210 B, 4500-O G)	17	≤ 30
* Total Suspended Solids	mg/L	SM 2023 (2540 D)	11	≤ 40
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	380	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	15.8	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	0.32	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Colloid	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Chonnikarn

Miss CHONNIKARN SITTIPORM

Analyst

06/12/2023



Technical Manager

06/12/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Water Supply

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 27/11/2023

Sampling Time : 09:45 AM

Received Date : 28/11/2023

Analytical Date : 28/11 - 01/12/2023

Report Date : 02/12/2023

Report No. : R28411/66

Parameters	Unit	Method	TW27002 /66
			Supply Water
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	186
Sample Condition		Observation	Clear

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

Miss NARISARA PONGPILA

Analyst

02/12/2023



Miss KRASSA YUBUA

Technical Manager

02/12/2023

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Excutive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 11/12/2023

Sampling Time : 12:10 PM

Received Date : 11/12/2023

Analytical Date : 11 - 14/12/2023

Report Date : 15/12/2023

Report No. : R29297/66

Parameters	Unit	Method	TW28015 /66	Standard ^a
			Pool	
pH (25°C)	-	Based on SM 2023 (4500-H ⁺ B)	7.6	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.71	0.6-1.0
Sample Condition		Observation	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

15/12/2023



Miss ORSA YUBUA

Technical Manager

15/12/2023

Reported results refer to the sample as received only.

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The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025



Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 11/12/2023

Sampling Time : 12:10 PM

Received Date : 11/12/2023

Analytical Date : 11 - 14/12/2023

Report Date : 15/12/2023

Report No. : R29298/66

Parameters	Unit	Method	TW28015 /66	Standard ^a
			Pool	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	negative
Sample Condition		Observation	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

E. Nisachol

Miss NISACHOL EUNGKLIENG

Analyst

15/12/2023



15/12/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025

TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Water Supply

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 11/12/2023

Sampling Time : 12:10 PM

Received Date : 11/12/2023

Analytical Date : 11 - 14/12/2023

Report Date : 15/12/2023

Report No. : R29299/66

Parameters	Unit	Method	TW28016 /66
			Supply Water
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	226
Sample Condition		Observation	Clear

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

Miss NARISARA PONGPILA

Analyst

15/12/2023

TEST TECH CO., LTD.
Miss ORASA YUBUA

Technical Manager

15/12/2023

Reported results refer to the sample as received only.

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TESTING
NO.0001

Analysis/Test Report

Customer Name : K.S. & Sons Co.,Ltd.

Address : 90 Sukhumvit Soi 24, Sukhumvit Rd., Klongton, Klongtoey, Bangkok 10110

Sampling Site : Marriott Executive Apartments Sukhumvit Park-Bangkok

Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 11/12/2023

Sampling Time : 12:00 PM

Received Date : 11/12/2023

Analytical Date : 11 - 20/12/2023

Report Date : 21/12/2023

Report No. : R29865/66

Parameters	Unit	Method	TW28017 /66	Standard ^a (Type B)
			Effluent	
pH	-	SM 2023 (4500-H ⁺ B)	7.4	5.0 - 9.0
BOD	mg/L	SM 2023 (5210 B, 4500-O G)	12	≤ 30
* Total Suspended Solids	mg/L	SM 2023 (2540 D)	4	≤ 40
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	352	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	4.2	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal

Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Chonnikarn

Miss CHONNIKARN SITTIPORM

Analyst

21/12/2023



Technical Manager

21/12/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025



Accreditation No.1007/43

Test Report 5722263

Date : 13-Nov-2023

Page 1 of 1

Client : Marriott Executive Apartments Sukhumvit Park - Bangkok
90 Soi Sukhumvit 24, Sukhumvit Rd Klongton, Klongtoey Bangkok 10110 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : P.4854/66 = Swimming
Sample Description : Water

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 6009445
Sample Condition : Water appears transparent contained in a glass bottle sealed with a plastic lid and kept at a cool temperature.
Qty.Submitted : 1 glass bottle
Date Received : 31-Oct-2023 Date Commenced : 1-Nov-2023

Test Items	Method	Results	Units
<i>Legionella spp.</i>	ISO 11731 : 2017	Not detected**	Per 1000mL

Remark: ** Limit of detection = 100 CFU/Liter

The Laboratory have been accredited in accordance with ISO/IEC 17025.

Signed for and on behalf of
SGS (Thailand) Ltd.

Jirapan Vilaipol
Microbiological Lab Manager

***** End of Report *****

"Any holder of this document is advised that should client or third party information be supplied with respect to the goods or sample, SGS may, at its discretion, attached or indicate such information to the report but SGS makes no warranties or accepts no liable for the veracity or lack thereof of such Information."

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Unless otherwise stated the results shown in this test report refer only to the sample(s) received and such sample(s) are retained for 15 days only.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

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Member of the SGS Group



Accreditation No.1007/43

Test Report 5722262

Date : 13-Nov-2023

Page 1 of 1

Client : Marriott Executive Apartments Sukhumvit Park - Bangkok
90 Soi Sukhumvit 24, Sukhumvit Rd Klongton, Klongtoey Bangkok 10110 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : P.4855/66 = AHU
Sample Description : Water

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 6009446
Sample Condition : Water appears transparent contained in a glass bottle sealed with a plastic lid and kept at a cool temperature. Sediment is showing at the bottom of the bottle.

Qty.Submitted : 1 glass bottle

Date Received : 31-Oct-2023 Date Commenced : 1-Nov-2023

Test Items	Method	Results	Units
<i>Legionella spp.</i>	ISO 11731 : 2017	Not detected**	Per 1000mL

Remark: ** Limit of detection = 100 CFU/Liter

The Laboratory have been accredited in accordance with ISO/IEC 17025.

Signed for and on behalf of
SGS (Thailand) Ltd.

Jirapan Vilaipol
Microbiological Lab Manager

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Test Report 5722261

Date : 13-Nov-2023

Page 1 of 1

Client : Marriott Executive Apartments Sukhumvit Park - Bangkok
90 Soi Sukhumvit 24, Sukhumvit Rd Klongton, Klongtoey Bangkok 10110 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : P.4856/66 = Guestroom No. 2002
Sample Description : Water

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 6009447
Sample Condition : Water appears transparent contained in a glass bottle sealed with a plastic lid and kept at a cool temperature.
Qty.Submitted : 1 glass bottle
Date Received : 31-Oct-2023 Date Commenced : 1-Nov-2023

Test Items	Method	Results	Units
<i>Legionella spp.</i>	ISO 11731 : 2017	3,400	CFU/1000mL

The Laboratory have been accredited in accordance with ISO/IEC 17025.

Signed for and on behalf of
SGS (Thailand) Ltd.



Jirapan Vilaipol
Microbiological Lab Manager

***** End of Report *****

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Test Report 5722260

Date : 13-Nov-2023

Page 1 of 1

Client : Marriott Executive Apartments Sukhumvit Park - Bangkok
90 Soi Sukhumvit 24, Sukhumvit Rd Klongton, Klongtoey Bangkok 10110 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : P.4857/66 = Water Tank-Softener tank at basement
 Sample Description : Water

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 6009448
 Sample Condition : Water appears transparent contained in a glass bottle sealed with a plastic lid and kept at a cool temperature. Sediment is showing at the bottom of the bottle.

Qty.Submitted : 1 glass bottle

Date Received : 31-Oct-2023 Date Commenced : 1-Nov-2023

Test Items	Method	Results	Units
<i>Legionella spp.</i>	ISO 11731 : 2017	Not detected**	Per 1000mL

Remark: ** Limit of detection = 100 CFU/Liter

The Laboratory have been accredited in accordance with ISO/IEC 17025.

Signed for and on behalf of
 SGS (Thailand) Ltd.

Jirapan Vilaipol
 Microbiological Lab Manager

***** End of Report *****

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ANALYSIS REPORT

REF. NO. WP/NM 4852/66

November 01, 2023

APPLICANT : K.S & Sons Co.,Ltd. (Marriott Executive Apartments)
COMMODITY : BISTRO M

SAMPLING DATE : October 30, 2023 Received Date : October 30, 2023

ANALYSIS RESULT (S) :

Items	Unit	Result	Standard	Analysis Method
Total Coliform	MPN/100 ml	< 2	< 2.2	Multiple tube technique
E.Coli	MPN/100 ml	Negative	Negative	Multiple tube technique

Remark :

คุณภาพน้ำอยู่ในเกณฑ์มาตรฐาน

TR/lc

This report applies to client's self-drawn sample only.

Analyzed by.....กมลชนก วงศ์ไพฑูริ

Approved by.....ศุภณัฐ วัฒนการุณ



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ANALYSIS REPORT

REF. NO. WP/NM 4853/66

November 01, 2023

APPLICANT : K.S & Sons Co.,Ltd. (Marriott Executive Apartments)
COMMODITY : M2GO

SAMPLING DATE : October 30, 2023 Received Date : October 30, 2023

ANALYSIS RESULT (S) :

Items	Unit	Result	Standard	Analysis Method
Total Coliform	MPN/100 ml	< 2	< 2.2	Multiple tube technique
E.Coli	MPN/100 ml	Negative	Negative	Multiple tube technique

Remark :

คุณภาพน้ำอยู่ในเกณฑ์มาตรฐาน

TR/c

This report applies to client's self-drawn sample only.

Analyzed by..... กมลชนก วงศ์พิทักษ์.....

Approved by..... สันติคุณ วัชรินทร์ พงษ์พานิช.....



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ANALYSIS REPORT

REF. NO. WP/NM 4849/66

November 01, 2023

APPLICANT : K.S & Sons Co.,Ltd. (Marriott Executive Apartments)
COMMODITY : หลััง LP Drinking

SAMPLING DATE : October 30, 2023 Received Date : October 30, 2023

ANALYSIS RESULT (S) :

Items	Unit	Result	Standard	Analysis Method
Total Coliform	MPN/100 ml	< 2	< 2.2	Multiple tube technique
E.Coli	MPN/100 ml	Negative	Negative	Multiple tube technique

Remark :

คุณภาพน้ำอยู่ในเกณฑ์มาตรฐาน

TR/lc

This report applies to client's self-drawn sample only.

Analyzed by.....กมลชนก วงศ์พุกโก.....

Approved by.....ศัณณพรรัตน์ พลผลพารพงษ์.....



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ANALYSIS REPORT

REF. NO. WP/NM 4851/66

November 01, 2023

APPLICANT : K.S & Sons Co.,Ltd. (Marriott Executive Apartments)

COMMODITY : Water drinking at Canteen

SAMPLING DATE : October 30, 2023 Received Date : October 30, 2023

ANALYSIS RESULT (S) :

Items	Unit	Result	Standard	Analysis Method
Total Coliform	MPN/100 ml	< 2	< 2.2	Multiple tube technique
E.Coli	MPN/100 ml	Negative	Negative	Multiple tube technique

Remark :

คุณภาพน้ำอยู่ในเกณฑ์มาตรฐาน

TR/lc

This report applies to client's self-drawn sample only.

Analyzed by.....ณัฏฐา วงศ์พนาไพร.....

Approved by.....วิมลนาถ วัฒนการุณ.....



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ANALYSIS REPORT

REF. NO. WP/NM 4850/66

November 01, 2023

APPLICANT : K.S & Sons Co.,Ltd. (Marriott Executive Apartments)
COMMODITY : Main Kitchen Ice Machine

SAMPLING DATE : October 30, 2023 Received Date : October 30, 2023

ANALYSIS RESULT (S) :

Items	Unit	Result	Standard	Analysis Method
Total Coliform	MPN/100 ml	< 2	< 2.2	Multiple tube technique
E.Coli	MPN/100 ml	Negative	Negative	Multiple tube technique

Remark :

คุณภาพน้ำอยู่ในเกณฑ์มาตรฐาน

TR/lc

This report applies to client's self-drawn sample only.

Analyzed by... กมลชนก จงศ์พนาไกร

Approved by... สิณพารัตน์ พงศกรเดช