

Analysis/Test Report

Customer Name : Centara Grand at Central World Bangkok

Address : 999/99 Rama 1 Road, Pathumwan, Bangkok 10330, Thailand

Sampling Site : Centara Grand at Central World Bangkok

Sampling by : Test Tech Co., Ltd.

Sampling Date : 10/12/2022

Received Date : 10/12/2022

Report Date : 19/12/2022

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 10 - 17/12/2022

Report No. : R27691/65

Parameters	Unit	Method	TW26628 /65	Standard ^a (Type A)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	6.7	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	384	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	305	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	364	500 ^{xx}
* Oil & Grease	mg/L	SM 2017 (5520 D)	146	≤ 20
Sample Condition		Observation	Light Yellow, Cloud, 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.

M

Analyst

19/12/2022



Technical Manager

19/12/2022

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 : Centara Grand at Central World Bangkok

Address : 999/99 Rama 1 Road, Pathumwan, Bangkok 10330, Thailand

Sampling Site : Centara Grand at Central World Bangkok

Sampling by : Test Tech Co., Ltd.

Sampling Date : 04/11/2022

Received Date : 04/11/2022

Report Date : 12/11/2022

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:10 AM

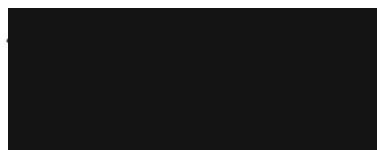
Analytical Date : 04 - 11/11/2022

Report No. : R24789/65

Parameters	Unit	Method	TW23750 /65	Standard ^a (Type A)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	7.2	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	83	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	63	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	220	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	19.7	≤ 20
Sample Condition		Observation	Light Yellow, Cloud	

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

2. 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.

Analyst

12/11/2022



Technical Manager

12/11/2022

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 : Centara Grand at Central World Bangkok

Address : 999/99 Rama 1 Road, Pathumwan, Bangkok 10330, Thailand

Sampling Site : Centara Grand at Central World Bangkok

Sampling by : Test Tech Co., Ltd.

Sampling Date : 06/10/2022

Received Date : 06/10/2022

Report Date : 14/10/2022

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 06 - 12/10/2022

Report No. : R22213/65

Parameters	Unit	Method	TW21342 /65	Standard ^a (Type A)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	6.6	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O C)	139	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	60	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	252	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	18.9	≤ 20
Sample Condition		Observation	Light Yellow, Cloud	

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

2. 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.

Analyst

14/10/2022

Technical Manager

14/10/2022

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 : Centara Grand at Central World Bangkok

Address : 999/99 Rama 1 Road, Pathumwan, Bangkok 10330, Thailand

Sampling Site : Centara Grand at Central World Bangkok

Sampling by : Test Tech Co., Ltd.

Sampling Date : 01/09/2022

Received Date : 01/09/2022

Report Date : 10/09/2022

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 12:10 PM

Analytical Date : 01 - 09/09/2022

Report No. : R19357/65

Parameters	Unit	Method	TW18320 /65	Standard ^a (Type A)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	6.5	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O C)	170	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	89	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	372	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	49.3	≤ 20
Sample Condition		Observation	Light Yellow, Cloud, Particles	

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

2. 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.


Analyst

10/09/2022



Laboratory Management

10/09/2022

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 : Centara Grand at Central World Bangkok

Address : 999/99 Rama 1 Road, Pathumwan, Bangkok 10330, Thailand

Sampling Site : Centara Grand at Central World Bangkok

Sampling by : Test Tech Co., Ltd.

Sampling Date : 06/08/2022

Received Date : 06/08/2022

Report Date : 15/08/2022

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:00 AM

Analytical Date : 06 - 13/08/2022

Report No. : R17526/65

Parameters	Unit	Method	TW16686 /65	Standard ^a
			Effluent	(Type A)
pH	-	SM 2017 (4500-H ⁺ B)	6.8	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O C)	232	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	101	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	328	500 ^{xx}
* Oil & Grease	mg/L	SM 2017 (5520 D)	51.1	≤ 20
Sample Condition		Observation	Light Yellow, Cloud	

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.

Analyst

15/08/2022



Technical Manager

15/08/2022

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 : Centara Grand at Central World Bangkok

Address : 999/99 Rama 1 Road, Pathumwan, Bangkok 10330, Thailand

Sampling Site : Centara Grand at Central World Bangkok

Sampling by : Test Tech Co., Ltd.

Sampling Date : 06/07/2022

Received Date : 06/07/2022

Report Date : 14/07/2022

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:35 AM

Analytical Date : 06 - 12/07/2022

Report No. : R14753/65

Parameters	Unit	Method	TW14106 /65	Standard ^a (Type A)
			Effluent	
pH	-	SM 2017 (4500-H ⁺ B)	6.8	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O C)	41	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	24	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	324	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	9.3	≤ 20
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. 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.

Analyst

14/07/2022

Technical Manager

14/07/2022

Reported results refer to the sample as received only.

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