



مختبر جيوساينس لفحص المواد - ذ.م.م.
GEOSCIENCE TESTING LABORATORY - L.L.C.
TEST REPORT

MICROBIOLOGICAL ANALYSIS OF WATER

Report No.	: R1/AD19-1518	Date	: 17/01/2019
Client Name	: Saadiyat Rotana Resort & Villas	Sampling Method	: *SOP MB-19
Project Name	: Not applicable	Receiving Date / Time	: 14/01/2019 - 17:00 Hrs
Project Number	: Not Applicable	Sampling Location	: Saadiyat Rotana Resort & Villas
Address	: Abu Dhabi - UAE	Sampling Source	: Staff Cafeteria, Water Club Machine, Dispenser
Contact Person	: Ms. Katerina Karpova	Sample Container	: Sterile Bottle
Telephone & Mob No.	: 056-3365611	On-Site Treatment	: Residual chlorine neutralised
Contractor	: Not Applicable	Sample Collection Temp.	: 22°C
Consultant	: Not Applicable	Sampling Date / Time	: 14/01/2019 - 17:35 Hrs
Sample Description	: Drinking Water	Sample Received By	: GTL's Rep.
Request No.	: Q1/AD19-1019	Sample Receipt Temp.	: 4°C
Sample No	: S1/AD19-1019	Tested By	: NSH/SAR
Sampled By	: GTL's Rep.	Tests Dates	: 14/01/2019 - 16/01/2019
Sample Receipt Condition	: Intact		

Parameters	Methods	Units	Result	Guideline [#]
Heterotrophic Plate Count	APHA 9215 B	CFU/ml	< 1	500
Total Coliforms	APHA 9222 B	CFU/100ml	< 1	Absent
Fecal Coliforms	APHA 9222 B & 9222 G	CFU/100ml	< 1	Absent
Escherichia coli	APHA 9222 B & 9222 H	CFU/100ml	< 1	Absent
Fecal Streptococci	APHA 9230 C	CFU/100ml	< 1	Absent

< 1 is considered as absent according to the method used

Test Method Variation : None.

*Guideline : The Guidelines for the EPA National Primary Drinking water standard, guidelines for the drinking water quality, fourth edition world health organisation.

Remarks : The results of collected sample is found to be of satisfactory quality and within specified limits of above guideline.

GTL certifies that above tests were carried out in accordance with

1) Standard Method for the Examination of Water and Waste Water 2012, APHA - AWWA - WEF 23rd edition.

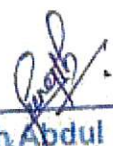
*This sampling method is not included in ENAS Scope of accreditation

- Result relates only to the item tested
- Report shall not be reproduced (Except in full) without written approval of the laboratory.

Form: MB/RP-02
Page 1 of 1

Issue: 01 / 04 / 01 / 2012




Seenath Abdul Rasak
Unit Head (Microbiology)
Abu Dhabi

Rev.: 01/ 30.06.2015

For GEOSCIENCE TESTING LABORATORY - L.L.C.



*NAL 018
17025

*Abu Dhabi : P.O. Box 38442, Tel : +971-2-550 7855, Fax : +971-2-550 7856

Al Ain : P.O. Box 24827, Tel : +971-3-722 8966, Fax : +971-3-722 8956

Website : www.geoscience.ae E-mail : info@gtl.ae



مختبر جيوساينس لفحص المواد - د.م.م.

GEOSCIENCE TESTING LABORATORY - L.L.C.

ANALYSIS REPORT ON DRINKING WATER

LABORATORY RESULTS

Report No. : R1AD19-1519

Date : 20/01/2019

Client / Establishment	Name : SAADIYAT ROTANA RESORT & VILLAS	
	Address and Location : ABU DHABI, UAE	
	Nature of Activity : HOTEL	
Sampling Report No.	NOT GIVEN	Sample Container : PLASTIC BOTTLE
Sampling Date / Time	14.01.2019 / 1500 HRS	Receiving Date / Time : 14.01.2019 / 1700 HRS
Sampled by	GTL REPRESENTATIVE	Received by : INCHARGE
Delivered by	GTL REPRESENTATIVE	Laboratory Request No. : Q1AD19-1019
Sample Type	LIQUID (POTABLE WATER)	Laboratory Sample ID : S1AD19-1019
Process	NOT GIVEN	On Site Observations / Tests : - Appearance : CLEAR, COLOURLESS LIQUID
Source of Sample	STAFF CAFETERIA	
Sampling Method	APHA 1060 B	
Sampling Procedure	GRAB	
Sampling Apparatus	PLASTIC BOTTLES	On Site Treatment/Preservation of Sample: Transported In Icebox
Sampling Point	WATER CLUB MACHINE	
Sampling Location	SAADIYAT ROTANA	

RESULTS OF CHEMICAL ANALYSIS:

Date of Analysis : 14/01/2019 - 19/01/2019

PARAMETER	TEST METHOD (REFERENCE NO.)	UNIT	DETECTION LIMIT	SPECIFICATION LIMIT, MAX (as per GSO ¹)	RESULT
pH @ 25 °C	APHA - 4500 H ⁺	-	2.0	6.5 - 8.5	7.60
CONDUCTIVITY @ 25 °C	APHA - 2510 A	µS/cm	-	-	386
TOTAL DISSOLVED SOLIDS @ 180°C	APHA - 2540 C	mg/L	-	1000	216
TOTAL HARDNESS as (CaCO ₃)	APHA 2340 B / IHTP 17	mg/L	-	500	45
TOTAL ALKALINITY as (CaCO ₃)	APHA - 2320	mg/L	-	-	42
COPPER as (Cu)	APHA - 3030 / 3111	mg/L	0.002	2.0	< 0.010
ZINC as (Zn)	APHA - 3030 / 3111	mg/L	0.001	3.0	< 0.010
CHROMIUM as (Cr)	APHA - 3030 / 3111	mg/L	0.008	0.05	< 0.010
LEAD as (Pb)	APHA - 3120 B	mg/L	0.008	0.01	< 0.010
MANGANESE as (Mn)	APHA - 3030 / 3111	mg/L	0.002	0.5	< 0.010
IRON as (Fe)	APHA - 3030 / 3111	mg/L	0.004	0.3	< 0.010
CHLORIDE as (Cl)	APHA - 4500 Cl ⁻	mg/L	-	250	91
FLUORIDE as (F ⁻)	SPADNS METHOD	mg/L	0.02	1.5	< 0.02
CYANIDE as (CN ⁻)	PYRIDINE PYRAZALONE METHOD	mg/L	0.002	0.07	< 0.002
SALINITY	APHA - 2520 B	opt	-	-	0.2
TOTAL RESIDUAL CHLORINE	DPD - METHOD	mg/L	0.02	-	< 0.02

Remarks :

- 1) The sample tested is Drinking Water.
- 2) The analysed sample meets the requirements specified in Table 1 & 2, Substances and Parameters Related to Quality of Unbottled Drinking Water by ¹Standardization Organization for GCC (GSO) 149/2000 with respect to the tested parameters.

Tested by : JLS

Reference

: APHA-AWWA-WEF 23rd Ed. 2017 STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTE WATER.

Test Method Variation

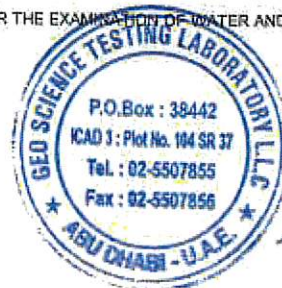
: None

- Results relates only to the items tested.
- Report shall not be reproduced (except in full) without written approval of the Laboratory.

Form : CH - 20
Page 1 of 1

Issue : 01 / 01.08.2001

Rev : 09 / 20.02.2013



Jinesh V.L.
Unit Head (Chemical)
Abu Dhabi

For GEOSCIENCE TESTING LABORATORY - L.L.C

Abu Dhabi : P.O Box 38442, Tel: +971-2-550 7855, Fax: +971-2-550 7856
Al Ain : P.O.Box 24827, Tel: +971-3-722 8966, Fax: +971-3-722 8956
website : www.geoscience.ae Email: info@gtl.ae