



DETAILED ANALYSIS REPORT

Sample No : FD-2024-435646

5 Gallon Routine Checking

Request No : FD-24-3775

SAMPLE INFORMATION

Sample Description : Drinking water

Brand Name : EMIRATES	Lic./ Source : 691852 - Emirates Bottled Drinking Water Company
Origin : UNITED ARAB EMIRATES	Emirate : Dubai
Wt. / Vol : 5.00 Galon	Inspector : N/A
Packaging : PLASTIC	Submit Date : 17/12/2024
Condition : AMP	Prod. Date : 16/12/2024
Batch No : N/A	Expiry Date : 15/03/2025

PHYSICAL PROPERTIES

Label : Satisfactory
Colour : Normal
Odour : Not Applicable
Taste : Not Applicable
Texture : Characteristic
Test Result : Satisfactory

MICROBIOLOGICAL & MOLECULAR ANALYSIS

Analysis Start Date 18/12/2024

Analysis End Date 19/12/2024

PARAMETER	TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
Escherichia coli	* SOP M/06A	/100 mL		Not Detected
Pseudomonas aeruginosa	* SOP M/07A	/250 mL		Not Detected
Coliforms	* SOP M/06A	/100 mL		Not Detected

CHEMICAL ANALYSIS

Analysis Start Date 19/12/2024

Analysis End Date 25/12/2024

PARAMETER	TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
pH	* SOP:C/ 27			7.3
TDS	SOP CFL/ 02	mg/L		106.6
Total Chloride	* SOP C/02	mg/L	3.5	24.1
Bromate (BrO3)	* IC /SOP C /21	µg/L	10.0	<10.0
Na	* ICP-OES/ SOP C/ 22	mg/L	0.30	1.88
Ca	* ICP-OES/ SOP C/ 22	mg/L	0.30	14.07
Mg	* ICP-OES/ SOP C/ 22	mg/L	0.30	11.93
K	* ICP-OES/ SOP C/ 22	mg/L	0.01	11.73
Cu	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01
Fe	* ICP-OES/ SOP C/ 22	mg/L	0.30	<0.30
Mn	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01
Pb	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01
Zn	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01



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Comments

Conclusion **Required test Result: SATISFACTORY**

Disclaimer 1 : * marks the UKAS accredited tests.

Disclaimer 2 : The above comment is based on the overall test results and are not part of the UKAS accreditation.

Disclaimer 3 : The analysis report pertains only to the sample submitted to the laboratory.

Disclaimer 4 : This report is authorized By Head of Food Lab Section.



Disclaimer 5 : This report is computer approved it does not require any signature.

Disclaimer 6 : This report shall not be reproduced, except in full format, without permission of the testing laboratory.

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Approval Date: 25/12/2024



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	Document Title:	Food Sample Test Report	عنوان الوثيقة:	
	Doc Ref.:	DM-DCLD-TRF-CML-4096	رقم الوثيقة:	

Report ID: 848329

REQUEST NO.: FITR-2024-0009588

Report Issue Date: 24/12/2024



Customer	Name: EMIRATES WATER FACTORY
	Address and Location: NA
Sample Description: DRINKING WATER	
Trade Name: NA	DM Barcode: NA
Brand: Emirates	Sampling (by Customer) Date/Time: 16/12/2024
Origin: United Arab Emirates	Receiving Date/Time: 17/12/24 09:22 am
Net wt/volume per unit: 18.9 liter	Production Date: 16/12/2024
No. of Unit: 1	Expiry Date: 15/03/2025
Packing Type:	Condition Of Sample: OK
Batch Number: 16122024	Sample Location: Al Quoz 2

PHYSICAL OBSERVATIONS: SATISFACTORY (Labeling and Shelf life requirements are not included in the report)

TEST RESULTS

PARAMETER	TEST METHOD	UNIT	LIMIT OF QUANTITATION	RESULTS
FOOD CHEMICAL ANALYSIS				DATE OF ANALYSIS: 18/12 - 24/12/2024
Total Dissolved Solids	DM-DCLD-SOP-FE-1105*	mg/L	5	121
Hardness as CaCo3	DM-DCLD-SOP-FE-1107*	mg/L	5	68.7
Copper	DM-DCLD-SOP-FE-1131	mg/L	0.01	<0.01
Iron	DM-DCLD-SOP-FE-1131	mg/L	0.05	<0.05
Zinc	DM-DCLD-SOP-FE-1131	mg/L	0.01	<0.01
Calcium	DM-DCLD-SOP-FE-1131	mg/L	0.05	13.45
Bromate (BrO3)	DM-DCLD-SOP-FE-1130	µg/L	3	8.43
Chloride (Cl)	DM-DCLD-SOP-FE-1130	mg/L	0.1	26.9
Nitrate (NO3)	DM-DCLD-SOP-FE-1130	mg/L	0.1	0.2
Sulphate (SO4)	DM-DCLD-SOP-FE-1130	mg/L	0.1	35.9
Sodium (Na)	DM-DCLD-SOP-FE-1131*	mg/L	0.05	1.55
Magnesium	DM-DCLD-SOP-FE-1131	mg/L	0.05	8.53
pH value at 25 C	DM-DCLD-SOP-FE-1101	NA		7.82

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TEST RESULTS

PARAMETER	TEST METHOD	UNIT	METHOD DETECTION LIMIT	RESULTS
FOOD MICROBIOLOGICAL ANALYSIS				DATE OF ANALYSIS : 17/12 - 23/12/2024
Detection and Enumeration of Coliforms	DM-DCLD-SOP-MBL-EV 1601:IDEXX	MPN/100mL	1	<1
Detection and Enumeration of E.coli	DM-DCLD-SOP-MBL-EV 1601:IDEXX	MPN/100mL	1	<1
Detection & Enumeration Ps. aeruginosa	DM-DCLD-SOP-MBL-EV 1604 (ISO 16266:2006)	CFU/250mL	1	<1

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CONCLUSION:	The Tested Parameters Are Compliant with Regulation / Standards.
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• Remarks :

- **Type of Test:** Fitness
- **Test Method Variation:**

NOTE:

- This analytical report relates only to the sample(s) as received by the laboratory.
- This report shall not be reproduced except in full without written approval of the laboratory.
- The customer can communicate / by direct dialogue for opinions and interpretations of standards.
- (*) Indicates that the test is not accredited by EIAC.
- (**) Indicates that the test is accredited by EIAC (EIAC Certification HBN-TEST-001).
- The new code in the test method (SOP-MBL-FD-XXXX) reflects the code (SOP-FE-XXXX) in the accredited certificate.



***END OF TEST REPORT ***

This is a system generated and electronically approved test report by Laboratory Team Leader(s) and does not require any signature.

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