



TEST REPORT



Test Report No : URS/CH/RID/24/2/288
Dated : 21/02/2024

Issued To : Purunity purification devices trading LLC		Dubai- UAE Site: Head Office - Tecom	
Attention	Suraj Rajan		
Sample Condition (Receipt Temperature)	4.0°C	Sample Condition (On Site)	19.2°C
Customer Ref.No.	55912/ Dated 10/02/2024 TRF No: URS/SR/CH/5749 / Sample ID: URS/F/CH/SID/24/2/73	Sample Package & Quantity	1 Litre
Sample Name	Water: Drinking – CHP- 6200N	Source of Sample	Drinking Water Tank
Sample Description	Colorless Liquid	Sampled by	Ali
Batch No. /Lot No.	NA	Delivered by	Lab Representative
Manufacturing Date	NA	Sampling Protocol	APHA/GRAB
Best before date	NA	Date of Sample Receipt	10/02/2024
Other Details	NA	Date of Analysis	13/02/2024
Date of Completion	21/02/2024		

Note: NA

Note: For any queries, please contact lab manager at info@urslabs.com.

S.NO	Test Parameters	Test Methods	Unit	Result	Acceptable Limits	MU(±)	LOQ
1	*Color	APHA 2120 B	--	Clear Liquid	Clear Liquid	NA	--
2	pH@25°C	APHA 4500H+ B	--	7.31	6.5 - 8.5	0.04	--
3	Conductivity@25°C	APHA 2510 B	µS/cm	354	2500	5.40	3.0
4	Turbidity	APHA 2130 B	NTU	<0.1	< 0.4	0.1	0.1
5	Total Dissolved Solids	APHA 2540 C	mg/l	206	100-1000	9.58	5.0
6	Total Suspended Solids	APHA 2540 D	mg/l	<5	--	6.54	5.0
7	Total Hardness(CaCO3)	APHA 2340 C	mg/l	59	300^	3.86	2.0
8	Calcium (Ca)	APHA 3500 Ca B	mg/l	16	80^	1.37	2.0
9	Magnesium (Mg)	APHA 3500 Mg B	mg/l	5	30^	1.12	2.0
10	Total Alkalinity(CaCO3)	APHA 2320 B	mg/l	45	--	2.96	2.0
11	Chloride(Cl)	APHA 4500 Cl- B	mg/l	81	250^	1.88	2.0
12	Sulphate(SO4)	APHA 4500 SO42- E	mg/l	4	250^	2.0	2.0
13	*Carbonate Hardness	Calculation	mg/l	45	NA	NA	--
14	*Non-Carbonate Hardness	APHA 2320 B	mg/l	14	NA	NA	--
15	Sodium (Na)	APHA 3500 Na	mg/l	72.7	150^	3.0	2.0

Kaishava

Technical Manager- Chemical



Laboratory :
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16	Potassium (K)	APHA 3500 K	mg/l	<2	12^	0.61	2.0
17	Iron(Fe)	APHA 3500 Fe	mg/l	<0.1	0.1	0.04	0.1
18	Copper (Cu)	APHA 3120 B	mg/l	<0.1	2.0	0.013	0.1
19	Chromium (Cr)	APHA 3120 B	mg/l	<0.05	0.05	0.012	0.05
20	Manganese (Mn)	APHA 3120 B	mg/l	<0.1	0.4	0.01	0.1
21	Lead (Pb)	APHA 3120 B	mg/l	<0.01	0.01	0.01	0.01
22	Zinc (Zn)	APHA 3120 B	mg/l	<0.1	5.0	0.01	0.1
23	Free Chlorine	LOVIBOND MD 200	mg/l	<0.1	0.2^	0.05	0.1
24	*Appearance	Visual Method	--	Clear liquid	Clear liquid	NA	--
25	Bicarbonate	APHA 2320 B	mg/l	55	--	NA	--

Remarks: The sample analysed is of satisfactory quality with respect to above tested parameter.

Test method Variation: None, ND: Not Detected, NA: Not Applicable, LOQ : Limit of Quantitation, MU: Measurement of Uncertainty

* Parameter not accredited,

Subcontract Parameter accredited. Measurement of Uncertainty provided is expanded uncertainty using coverage factor of 2 at 95% confidence level

Decision Rule:- Statements of conformity (e.g. Satisfactory/ Not Satisfactory) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: Satisfactory – Results within limits/specifications, Not Satisfactory – Results exceed limits/specifications.

Limit:- Dubai Municipality Food Safety Department Notification & ^Water Quality Regulation 5th Edition

Note: (1) The results relate only to the items tested,

(2) The test report shall not be reproduced except in full without the written approval of the URS laboratory,

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-----END OF THE TEST REPORT-----