

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

Rc.No. 856 /D&O/DM&HO/RR/2024

Dated: 03-04-2024

It is certified that an inspection team headed by Mr.Y.Ravi , Health Inspector, from DM&HO Office (Health Department), RR Dist

inspected the Manchester School, Located at Sy.No-478,475,476, Srisailam Highway to Rachuloor Road, Bairagiguda (V), Lemoor, Kandukur (M), Ranga Reddy District.

on 02-04.2024. and found that the Manchester School, has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

The above is valid for a period of One year from the date of issue.03.04.2024.



Signature with Seal:

Name : Dr. B. Venkateswara Rao

Designation : DM&HO, RR Dist

Name & Address of the Office / Department :

District Medical & Health Office

Shivarampally, Ranga Reddy District.

Dist. Medical & Health Officer
Ranga Reddy District.

To
Manchester School,
Located at Sy.No-478,475,476, Srisailam Highway to Rachuloor Road, Bairagiguda (V),
Lemoor, Kandukur (M), Ranga Reddy District.

For Manchester Global Mahavihara (iv)
Knowledge and Educational Society

Correspondent



TC-5046

Test Report No. INHYD24022860402131345

ULR No. : TC504024000010380F

Report Issue Date: 02 Apr 2024

Test Report

Report Issued To: Manchester School

Survey Nos. 475, 476 & 478,, Srisaillam Highway to Rachuloor Villege Road, Bairagi guda Village,Lemoor Via, Kandukur Mandal, Hyderabad, Rangareddy District - India

BV Sample ID : 1506232
Group : Water, Residues in Water
Customer Reference** : Quotation
Sample receipt date : 21 Mar 2024
Date of registration : 21 Mar 2024
Date of commencing of testing : 22 Mar 2024
Date of Completion of testing : 28 Mar 2024
Sample Name** : RO Water
Sample condition on receipt : Ambient
Sample quantity / Package : 10 Lt X 1 No + 1 Lt X 1 No
Batch No. / Lot No.** : NA

Sample Information: Sampling Done by Laboratory

Date of sampling : 21 Mar 2024
Sampling done by : Mr. Sanhosh Kumar(BV Representative)
Sampling procedure : BVTS/FOOD/GEN/SOP-001
Sampling Location : Survey No. 475, Rachuloor Road,
Srisaillam Highway, Kandukur,
Hyderabad, Telangana 501359

No.	Test Parameters	Unit	Test Results	Acceptable Limit as per IS 10500 : 2012	Permissible Limit in the absence of alternate source	Test Method	LOQ
Microbiological Analysis (Discipline: Biological)							
1	Coliforms	Per 100 ml	Absent	Shall not be detectable in any 100ml of sample	-	IS 15185 : 2016	-
2	E.coli	per 100 mL	Absent	Shall not be detectable in any 100ml of sample	-	IS 15185 : 2016	-
Pesticide Residues (Discipline: Chemical)							
3	2, 4 - D	µg/L	BLQ	30 max	No Relaxation	USEPA 515.1	0.01
4	O,P - DDD	µg/L	BLQ	1 max	No Relaxation	USEPA 508	0.01
5	O,P - DDE	µg/L	BLQ	1 max	No Relaxation	USEPA 508	0.01
6	O,P-DDT	µg/L	BLQ	1 max	No Relaxation	USEPA 508	0.01
7	P,P -DDD	µg/L	BLQ	1 max	No Relaxation	USEPA 508	0.01
8	P,P -DDE	µg/L	BLQ	1 max	No Relaxation	USEPA 508	0.01
9	P,P -DDT	µg/L	BLQ	1 max	No Relaxation	USEPA 508	0.01
10	Alachlor	µg/L	BLQ	20 max	No Relaxation	USEPA 525.2	0.01
11	Aldrin	µg/L	BLQ	0.03 max	No Relaxation	USEPA 508	0.01
12	Butachlor	µg/L	BLQ	125 max	No Relaxation	USEPA 8141A	0.01
13	Chlorpyrifos	µg/L	BLQ	30 max	No Relaxation	USEPA 8141A	0.01
14	Dieldrin	µg/L	BLQ	0.03 max	No Relaxation	USEPA 508	0.01
15	Alpha-HCH	µg/L	BLQ	0.01 max	No Relaxation	USEPA 508	0.01
16	Beta-HCH	µg/L	BLQ	0.04 max	No Relaxation	USEPA 508	0.01
17	Delta-HCH	µg/L	BLQ	0.04 max	No Relaxation	USEPA 508	0.01
18	Gamma-HCH	µg/L	BLQ	2 max	No Relaxation	USEPA 508	0.01
19	Alpha Endosulfan	µg/L	BLQ	0.4 max	No Relaxation	USEPA 508	0.01

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SI.No.:

269301

For Manchester Global Mahavihara (R)
Knowledge and Educational Soc.

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TC-5040

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20	Beta Endosulfan	µg/L	BLQ	0.4 max	No Relaxation	USEPA 508	0.01
21	Endosulfan sulfate	µg/L	BLQ	0.4 max	No Relaxation	USEPA 508	0.01
22	Ethion	µg/L	BLQ	3 max	No Relaxation	USEPA 1657A	0.01
23	Malathion	µg/L	BLQ	190 max	No Relaxation	USEPA 8141A	0.01
24	Monochrotophos	µg/L	BLQ	1 max	No Relaxation	USEPA 8141A	0.01
25	Parathion Methyl	µg/L	BLQ	0.3 max	No Relaxation	USEPA 8141A	0.01
26	Phorate	µg/L	BLQ	2 max	No Relaxation	USEPA 8141A	0.01
27	Isoproturon	µg/L	BLQ	9 max	No Relaxation	USEPA 532	0.01
28	Atrazine	µg/L	BLQ	2 max	No Relaxation	USEPA 8141A	0.01
Organoleptic and Physical parameters (Discipline: Chemical)							
29	Colour	Hazen	BLQ	5 max	15 max	IS 3025 (P-4) : 2021	1
30	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-5) : 2018	-
31	pH	-	6.89	6.5-8.5	No relaxation	IS 3025 (P-11) : 2022	1
32	Taste	-	Agreeable	Agreeable	Agreeable	IS 3075 (P-7 & 8) : 2023	-
33	Turbidity	NTU	BLQ	1 max	5 max	IS 3025 (P-10) : 2023	1
34	Total Dissolved Solids	mg/L	16	500 max	2000 max	IS 3025 (P-16) : 2023	1
General Parameters Concerning substances undesirable in excessive Amount(Discipline: Chemical)							
35	Aluminium as Al	mg/L	BLQ	0.03 max	0.2 max	APHA 24th Ed. 3125	0.005
36	Ammonia (as Total ammonia-N)	mg/L	BLQ	0.5 max	No relaxation	APHA 24th Ed. 4500 NH3 F	0.1
37	Anionic Surface Active Agents (as MBAS)	mg/L	BLQ	0.2 max	1.0 max	Annex K of IS 13428 : 2005	0.1
38	Barium as Ba	mg/L	0.004	0.7 max	No relaxation	APHA 24th Ed. 3125	0.001
39	Boron as B	mg/L	0.006	0.5 max	2.4 max	APHA 24th Ed. 3125	0.005
40	Calcium	mg/L	3	75 max	200 max	IS 3025 (P-40) : 1991	1
41	Chloramines as Cl2	mg/L	BLQ	4.0 max	No relaxation	IS 3025 (P-26) : 2021	0.1
42	Chloride as Cl	mg/L	3	250 max	1000 max	IS 3025 (P-32) : 1988	1
43	Copper as Cu	mg/L	BLQ	0.05 max	1.5 max	APHA 24th Ed. 3125	0.001
44	Fluorides as F	mg/L	BLQ	1.0 max	1.5 max	APHA 24th Ed. 4500 F-D	0.1
45	Iron as Fe	mg/L	0.009	1.0 max	No relaxation	APHA 24th Ed. 3125	0.005
46	Magnesium as Mg	mg/L	2	30 max	100 max	IS 3025 (P-46) : 2023	1
47	Manganese as Mn	mg/L	BLQ	0.1 max	0.3 max	APHA 24th Ed. 3125	0.001
48	Mineral oil	mg/L	BLQ	1.0 max	No relaxation	Cl:6 of IS 3025 (P-39):2021	0.1
49	Nitrate as NO3	mg/L	BLQ	45 max	No relaxation	APHA 24th Ed. 4500 NO3 B	0.1
50	Phenolic compounds AS C6H5OH	mg/L	BLQ	0.001 max	0.002 max	IS 3025 (P-43/Sec 1) : 2022	0.001
51	Residual free chlorine	mg/L	BLQ	0.2 min	1 min	IS 3025 (P-28) : 2021	0.1
52	Selenium as Se	mg/L	BLQ	0.01 max	No relaxation	APHA 24th Ed. 3125	0.001
53	Silver	mg/L	BLQ	0.1 max	No relaxation	APHA 24th Ed. 3125	0.001
54	Sulphates as SO4	mg/L	BLQ	200 max	400 max	IS 3025 (P-24) sec1: 2022	1
55	Sulphide as H2S	mg/L	BLQ	0.05 max	No relaxation	IS 3025 (P-29) : 2022	0.01
56	Total Alkalinity as CaCO3	mg/L	9	200 max	600 max	IS 3025 (P-23) : 2023	1
57	Total Hardness as CaCO3	mg/L	13	200 max	600 max	IS 3025 (P-21) : 2009	1
58	Zinc as Zn	mg/L	BLQ	5 max	15 max	APHA 24th Ed. 3125	0.005
Parameters Concerning Toxic Substances (Discipline : Chemical)							
59	Arsenic as As	mg/L	BLQ	0.01 max	No relaxation	APHA 24th Ed. 3125	0.001
60	Cadmium as Cd	mg/L	BLQ	0.003 max	No relaxation	APHA 24th Ed. 3125	0.001

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Sl.No.:

269602

For Manchester Global Mahavihara (M)
Knowledge and Educational Soc.

Correspondent



TC-6046

Test Report No. INHYD24022860402131345

ULR No. : TC504024000010380F

Report Issue Date: 02 Apr 2024

61	Chromium as Cr	mg/L	BLQ	0.05 max	No relaxation	APHA 24th Ed. 3125	0.001
62	Cyanide as CN	mg/L	BLQ	0.05 max	No relaxation	IS 3025 (P-27)/Sec 1 : 2021	0.01
63	Lead as Pb	mg/L	BLQ	0.01 max	No relaxation	APHA 24th Ed. 3125	0.001
64	Mercury as Hg	mg/L	BLQ	0.001 max	No relaxation	APHA 24th Ed. 3125	0.001
65	Molybdenum as Mo	mg/L	BLQ	0.07 max	No relaxation	APHA 24th Ed. 3125	0.001
66	Nickel as Ni	mg/L	BLQ	0.02 max	No relaxation	APHA 24th Ed. 3125	0.001
67	Uranium as U	mg/L	BLQ	0.03 max	No relaxation	APHA 24th Ed. 3125	0.001
Trihalomethanes (Discipline : Chemical)							
68	Bromoform	mg/L	BLQ	0.1 max	No relaxation	EPA 524.3	0.0005
69	Bromodichloromethane	mg/L	BLQ	0.06 max	No relaxation	EPA 524.3	0.0005
70	Chloroform	mg/L	BLQ	0.2 max	No relaxation	EPA 524.3	0.0005
71	Dibromochloromethane	mg/L	BLQ	0.1 max	No relaxation	EPA 524.3	0.0005
Poly Chlorinated Biphenyl (Discipline: Chemical)							
72	Chlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
73	Dichlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
74	Heptachlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
75	Hexachlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
76	Octachlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
77	Pentachlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
78	Tetrachlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
79	Trichlorobiphenyl	mg/L	BLQ	0.0005 max	No relaxation	Annex M of IS 13428 : 2005	0.00001
Polynuclear Aromatic Hydrocarbons (Discipline: Chemical)							
80	Anthracene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
81	Acenaphthene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
82	Acenaphthylene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
83	Benzo (a) anthracene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
84	Benzo (a) Pyrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
85	Benzo (b) fluoranthrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
86	Benzo (g,h,i) perylene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
87	Benzo (k) Fluoranthrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
88	Chrysene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
89	Dibenz(a,h)anthracene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
90	Fluorene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
91	Fluoranthrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
92	Indeno(1,2,3-cd) pyrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
93	Naphthalene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
94	Pyrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
95	Phenanthrene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001
96	Toluene	mg/L	BLQ	0.0001 max	No relaxation	APHA 24th Ed. 6440 : 2017	0.00001

Abbreviations: UOM: Unit of measurement, LOQ: Limit of Quantification, LOD: Limit of Detection, BLQ: Below limit of quantification, ND: Not Detected, NMT : Not More Than, NLT: Not Less Than, M: Microbiological limit that no sample unit may exceed. max: Maximum, min: Minimum.
Note: SAMPLE TESTED AS RECEIVED

The above sample meets IS 10500 : 2012 specifications with respective to the above tested parameters wherever applicable

Note-The statement of conformity was drawn based on APHA, IS 13428 & EPA 524.3.



SI.No.. 269603

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For Manchester Global
Knowledge and Education

Correspondent

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TC-5040

Test Report No. INHYD24022860402131345

ULR No. : TC504024000010380F

Report Issue Date: 02 Apr 2024

Authorized Signatory

Authorized Signatory

Narasimha Chari Chirala

Ch. Raja Sekhar Reddy

Head - Laboratory(Food)

Manager - Lab Operations

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--- End of Report ---



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