

ANALYSIS REPORT OF WATER

Sample Code: NTL/W - 1318/14

Name Of the Organization :

M/s. KARNATAKA GOLF ASSOCIATION
Opp . Old Airport Road, Kodihalli,
Bangalore.

Date of Sampling : 02/09/2014
Date of Receipt : 02/09/2014
Date of Analysis : 02/09/2014
Date of Report : 08/09/2014
Sample Drawn By : Lab Representative

Sample Particulars: Sky Water

Source of Collection: Sky Water Filter Plant

Sample Description: Polyethylene Container, Glass Bottle

Sampling Method : Grab Sampling

Condition of the Sample: No leakages were observed

Report No: 1318

S.No	Parameters	Protocol	Result	Standards IS : 10500 - 2012	
				Desirable Limits	Permissible Limits
1	pH Value	APHA 22nd Edition 4500-H ⁺ , B	7.39	6.5-8.5	6.5-8.5
2	Colour,Hazen Unit	APHA 22nd Edition 2120-C	< 5	5.0 Max	15
3	Odour	APHA 22nd Edition 2150-B	Aggreable	Aggreable	Aggreable
4	Turbidity, NTU	APHA 22nd Edition 2130-B	0.4	1.0Max	5.0 Max
5	Total Dissolved Solids,mg/L	APHA 22nd Edition 2540-C	69.0	500Max	2000Max
6	Total Hardness as CaCO ₃ , mg/L	APHA 22nd Edition 2340-C	30.0	200Max	600Max
7	Calcium as Ca, mg/L	APHA 22nd Edition 3500-Ca, B	8.0	75 Max	200 Max
8	Magnesium as Mg, mg/L	APHA 22nd Edition 3500-Mg, B	2.4	30 Max	100 Max
9	Alkalinity as CaCO ₃ , mg/L	APHA 22nd Edition 2320-B	30.3	200 Max	600 Max
10	Chlorides as Cl, mg/L	APHA 22nd Edition 4500-Cl ⁻ ,B	10.0	250 Max	1000 Max
11	Suiphates as SO ₄ , mg/L	APHA 22nd Edition 4500-SO ₄ ²⁻ ,E	4.5	200 Max	400 Max
12	Nitrates as NO ₃ , mg/L	APHA 22nd Edition 4500-NO ₃ ⁻ ,B	2.2	45 Max	No Relaxasion
13	Iron as Fe, mg/L	APHA 22nd Edition 3500-Fe,B	0.1	0.3 Max	No Relaxasion
14	Fluoride as F, mg/L	APHA 22nd Edition 4500-F ⁻ ,D	0.4	1.0 Max	1.5
15	Sodium as Na, mg/L	APHA 22nd Edition 3500-Na,B	1.9	--	--
16	Potassium as K, mg/L	APHA 22nd Edition 3500-K,B	0.2	--	--
17	Residual Free Chlorine, mg/L	APHA 22nd Edition 4500-Cl,B	NIL	0.2 Min	1.0 Max
18	Boron as B, mg/L	APHA 22nd Edition 4500-B,B	0.1	0.5 Max	1.0 Max
19	Copper as Cu , mg/L	APHA 22nd Edition 3500-Cu-B	ND	0.05 Max	1.5 Max
20	Arsenic as As, mg/L	APHA 22nd Edition 3500-As-B	ND	0.01 Max	0.05 Max
21	Lead as Pb, mg/L	APHA 22nd Edition 3500-Pb-B	ND	0.01 Max	No Relaxation
22	Manganese as Mn, mg/L	APHA 22nd Edition 3500Mn-B	ND	0.1 Max	0.5 Max

23	Cadmium as Cd, mg/L	APHA 22nd Edition 3500-Cd	ND	0.01 Max	No Relaxation
24	Zinc as Zn, mg/L	APHA 22nd Edition 3500-Zn-B	ND	5.0 Max	10 Max
25	Hexavalent Chromium as Cr ⁶⁺ , mg/L	APHA 22nd Edition 3500-Cr-B	ND	0.05 Max	No Relaxation
Microbiological Parameters					
26	E.coli, MPN/100ml	IS 1622 - 1981	Absent	Absent	Absent
27	Coliforms, MPN/100ml	IS 1622 - 1981	Absent	Absent	Absent

INFERENCE: As per IS Standards 10500 - 2012, The above tested results are with in the limits.


ANALYZED BY


MICROBIOLOGIST


AUTHORISED SIGNATORY



Note:

1. The results refer only to the tested samples and applicable Parameters
2. This report not to be reproduced wholly or in part & Cannot be used as an evidence in the Court of Law
3. Samples will be stored for a period of 15 Days on receipt
4. Nexus Test Labs doesnt hold any responsibility for variation in test results for samples kept on hold for want of clarification
5. ND - Not Detectable

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