

**TEST CERTIFICATE**

Job No: 2115

Ref No: CL/W/018-141/12

Date: 29.09.2012

Name of the Client : ZPE – Sub division, Srinivasapura Taluka  
 Karnataka.

Sample Collection Place : Zilla Panchayat, Gullakunte village, Kolar (Dist), Karnataka.

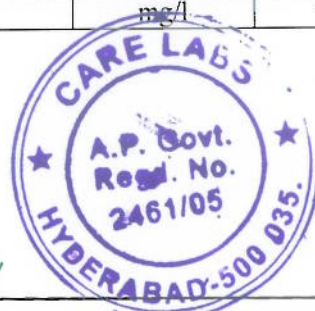
Sample From : Sky Water Make Atmospheric Water Generator

Sample Collected on : 22.09.2012

**TEST RESULTS**

S.No	TEST PARAMETERS	UNITS	RESULTS	Desirable Limits (As per IS: 10500)	Permissible Limits (As per IS: 10500)
<b>PHYSICAL PARAMETERS</b>					
1.	Color	Hazen	Colorless	5	25
2.	Odour	--	Agreeable	Agreeable	Not Specified
3.	Taste	--	Agreeable	Agreeable	Not Specified
4.	P <sup>H</sup>	--	7.76	6.5 – 8.5	6.5 – 8.5
5.	Turbidity	NTU	<1.10	5	10
<b>CHEMICAL PARAMETERS</b>					
1.	Total Dissolved Solids	mg/l	07	500	2000
2.	Total Hardness as CaCO <sub>3</sub>	mg/l	04	300	600
3.	Calcium as Ca	mg/l	0.96	75	200
4.	Magnesium as Mg	mg/l	0.38	30	100
5.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	05	200	600
6.	Chlorides as Cl	mg/l	0.71	250	1000
7.	Sulphates as SO <sub>4</sub>	mg/l	0.19	200	400
8.	Nitrates as NO <sub>3</sub>	mg/l	Nil	45	100
9.	Iron as Fe	mg/l	Nil	0.3	1.0
10.	Fluoride as F	mg/l	<0.01	1.0	1.5
11.	Lead as Pb	mg/l	<0.01	0.05	0.05
12.	Copper as Cu	mg/l	<0.001	0.05	1.5

(contd...)



Small Scale Industries Certified Laboratory

**TESTING SERVICES**

Water, Food Materials, Oils, Cakes, Rice Bran, Poultry & Animal Feed,  
 Soil, Chemicals, Metals, Ores, Industrial Effluents & Environmental Consultancy

S.No	TEST PARAMETERS		UNITS	RESULTS	Desirable Limits (As per IS: 10500)	Permissible Limits (As per IS: 10500)
13.	Manganese	as Mn	mg/l	< 0.01	0.1	0.3
14.	Mercury	as Hg	mg/l	Nil	0.001	0.001
15.	Zinc	as Zn	mg/l	< 0.01	5	15
16.	Chromium	as Cr	mg/l	< 0.001	0.05	0.05
17.	Nickel	as Ni	mg/l	< 0.01	0.02	Not Specified
18.	Aluminium	as Al	mg/l	< 0.01	0.03	0.2
19.	Residual free chlorine		mg/l	< 0.20	0.2	1.00
20.	Selenium	as Se	mg/l	Nil	0.01	Not Specified
21.	Phenolic compounds	as C <sub>6</sub> H <sub>5</sub> OH	mg/l	< 0.001	0.001	0.002
22.	Boron	as B	mg/l	< 0.01	0.3	1.5
23.	Barium	as Ba	mg/l	< 0.01	0.7	Not Specified
24.	Molybdenum	as Mo	mg/l	Nil	0.07	Not Specified
25.	Sulphide	as H <sub>2</sub> S	mg/l	Nil	0.05	Not Specified
26.	Cadmium	as Cd	mg/l	< 0.01	0.003	Not Specified
27.	Arsenic	as As	mg/l	Nil	0.01	0.05
28.	Pesticide residues		mg/l	Absent	Absent	0.001

**Note:** The above test results are within the limits.

*N. O. Perumdy*

Chief Chemist

*Battu*

Authorised Signatory



#### TESTING SERVICES

Water, Food Materials, Oils, Cakes, Rice Bran, Poultry & Animal Feed,  
Soil, Chemicals, Metals, Ores, Industrial effluents & Environmental Consultancy