

**DISTRICT WATER TESTING LABORATORY
UNDER ALIPORE DIVISION
PHE DTE. GOVERNMENT OF WEST BENGAL
BIJOYGARH S.G. HOSPITAL CAMPUS**

TEST CERTIFICATE

Memo No.: AEI/EE/PHE/RWH/920/dt.17.03.10

Date of Reporting:-22.03.10

Sample Sending Authority/Person: -The Association of Engineers, India.

Location: - The Association of Engineers, IA/11, Sec-III, Salt Lake City, Kolkata-700097,

Date of Sampling:-18.03.10

Sample Received on:-18.03.10

Sample Collected by:-Bijoygarh Lab/PHE DTE.

Type of Sample: - **Filtered Rain Water Passing
Through Candle (Domestic Filter)**

Sample ID No.:-68/AEI

Analysis:- Date of Starting:-18.03.10

Date of Completion:-22.03.10

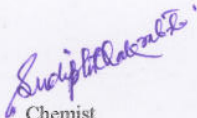
Physical & Chemical & Bacteriological Test Findings:-

Sl.No.	Parameter	Desirable Limit*	Permissible Limit in absence of alternate Source*	Result
1.	pH	6.5 to 8.5		7.42
2.	Turbidity,(NTU)	5		0.11
3.	Total Hardness(as CaCO ₃),mg/L	500	2000	6.34
4.	Total Alkalinity,mg/L	---	---	150
5.	Chloride (as Cl ⁻),mg/L	500	1000	0.767
6.	Electrical Conductivity, μ S/cm	---	---	13
7.	Nitrate(asNO ₃ ⁻),mg/L	45	100	1.2832
8.	Iron(asFe)mg/L	0.3	1.0	0.0295
9.	Arsenic(as As)mg/L	0.05	No Relaxation	BDL
10.	Fluoride(asF ⁻)	1.0	1.50	0.1219
11.	Total Coliform(CFU/100ml)	Absent	Absent	Absent
12.	Faecal Coliform(CFU/100ml)	Absent	Absent	Absent

* Drinking Water - Specification -IS: 10500:1991 and amendment No.1, 1993

Note: BDL= Below Detection Limit.

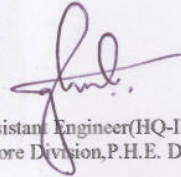
Remarks - Fit for human consumption in respect to the studied parameters.


Chemist

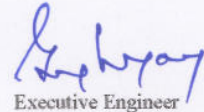
D.W.T.L.
Alipore Division ,P.H.E. Dte.



Sub-Assistant Engineer
Alipore Division ,P.H.E. Dte.



Assistant Engineer(HQ-II)
Alipore Division,P.H.E. Dte.



Executive Engineer
Alipore Division,P.H.E.Dte..