



# vitro labs

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(Recognized by the Ministry of Environment & Forest, GOI)

## TEST REPORT

Issued to **M/S.B & C Estates.,**  
**M/s. Sy.No.21/1,183,190&191,Mallapur Village,**  
**GHMC Kapra Circle,Uppal Mandal,R.R.Dist.**

Ref. No. : **VL/W/3270/2009**  
 Date : **07.04.2009**  
 Your Ref. :  
 Receipt on : **06.04.2009**

Sample Particulars : **WATER**

### TEST RESULTS

S.No.	Test Parameter	Units	Result	Result
S.No.	Physical Parameters	Units	Result	Desirable Potable Limits as per IS: 10500
01	pH	—	6.93	6.50-8.50
02	Electrical Conductivity	µ. mhos/cm	1137	—
<b>Chemical Parameters</b>				
03	Dissolved Solids	mg/l	682	<500
04	Total Hardness as CaCO <sub>3</sub>	mg/l	352	<300
05	Alkalinity to Phenolphthalein as CaCO <sub>3</sub>	mg/l	Nil	—
06	Alkalinity to methylorange as CaCO <sub>3</sub>	mg/l	200	<200
07	Non-Carbonate hardness as CaCO <sub>3</sub>	mg/l	152	—
08	Calcium as CaCO <sub>3</sub>	mg/l	264	<187
09	Magnesium as CaCO <sub>3</sub>	mg/l	88	<123
10	Sodium as CaCO <sub>3</sub>	mg/l	214	—
11	Potassium as CaCO <sub>3</sub>	mg/l	03	—
12	Chloride as CaCO <sub>3</sub>	mg/l	190	<352
13	Sulphate as CaCO <sub>3</sub>	mg/l	174	<208
14	Nitrate as CaCO <sub>3</sub>	mg/l	05	<36
15	Fluoride as F	mg/l	0.90	<1.00
16	Silica as SiO <sub>2</sub>	mg/l	8.16	—
17	Iron as Fe	mg/l	0.05	<0.3
18	Colour	—	Colourless	<5.0
19	Turbidity	(NTU)	1.40	<5.0

*[Signature]*  
Authorised Signatory

Offers Environmental Services like EIA / EMP, Audits, Monitoring, Hazardous Waste, Effluents etc.  
Analytical Services like Water, Ores & Minerals, Ferrous & Non-Ferrous Alloys, Petroleum Products,  
Food Materials, Soils, Poultry Feeds Etc.

*Environmental Consultants & Analytical Chemists*