



vitro labs

2-2-647/A/3, 3rd Floor, Shivam Road, New Nallakunta, Hyderabad-500 012.
Phone : 040-27421389, Fax: 040-27423532, E-mail: labsvitro@yahoo.com,
Web : www.vitrolabs.net, www.vitrolabsindia.com



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

TEST CERTIFICATE

Our Ref:	VL/A2710-001/2012	Issued To:
Reporting Date:	29.10.2012	M/s. Villas at Silver Creek.,
Collected On:	27.10.2012	
Sample Particulars:	Ground Water	

TEST RESULTS

Physical Parameters	Units	Result	Desirable Potable Limits as per IS: 10500	Permissible Limits as per IS: 10500
pH	--	7.02	6.50-8.50	6.50-8.50
Electrical Conductivity	μ. Mhos/cm	1434	Not Specified	Not Specified
Chemical Parameters				
Dissolved Solids	mg/l	943	<500	2000
Total Hardness as CaCO ₃	mg/l	552	<300	600
Alkalinity to Phenolphthalein as CaCO ₃	mg/l	Nil	Not Specified	Not Specified
Alkalinity to Methyl orange as CaCO ₃	mg/l	380	<200	600
Non-Carbonate hardness as CaCO ₃	mg/l	172	Not Specified	Not Specified
Calcium as CaCO ₃	mg/l	368	<187	498
Magnesium as CaCO ₃	mg/l	184	Not Specified	Not Specified
Sodium as CaCO ₃	mg/l	160	Not Specified	Not Specified
Potassium as CaCO ₃	mg/l	02	Not Specified	Not Specified
Chloride as CaCO ₃	mg/l	270	<352	1410
Sulphate as CaCO ₃	mg/l	65	<208	416
Nitrate as CaCO ₃	mg/l	02	<36	80
Fluoride as F	mg/l	1.24	<1.00	1.5
Silica as SiO ₂	mg/l	9.33	Not Specified	Not Specified
Iron as Fe	mg/l	0.05	<0.3	1.0
Colour	(Hazen)	Colourless	<5.0/Colourless	25.0/Colourless
Turbidity	(NTU)	1.20	<5.0	10

Note: The Limits are Applicable for Drinking Water Only.

Lokeshwari
Authorised Signatory

Environmental Studies like EIA, EMP, Work Zone, Indoor Air Quality, Gravimetric Dust Sampling, Stack, AAQ Monitoring, Waste Water, Solid & Hazardous Waste Analysis and Analytical Services like Water, Ores, Minerals, Alloys, Petroleum Products, Food Materials, Soils, Poultry Feeds Etc.

Environmental Consultants & Analytical Chemists