



vitro labs

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



TEST CERTIFICATE

Our Ref:	VL/A3008-001/13	Issued To:
Reporting Date:	31.08.2013	M/S. L. Rajeshwara Rao & Others., S.Y.No: 49(P), Yapral Village, GHMC Alwal Circle, Malkazgiri Mandal, Ranga Reddy Dist.
Collected On:	30.08.2013	
Sample Particulars:	BORE WELL WATER	

TEST RESULTS

S.No	Physical Parameters	Units	Result	Desirable Potable Limits as per IS: 10500
01	pH	--	6.55	6.50-8.50
02	Electrical Conductivity	µ. Mhos/cm	1418	--
Chemical Parameters				
03	Dissolved Solids	mg/l	922	<500
04	Total Hardness as CaCO ₃	mg/l	592	<300
05	Alkalinity to Phenolphthalein as CaCO ₃	mg/l	Nil	Not Specified
06	Alkalinity to methyl orange as CaCO ₃	mg/l	330	<200
07	Non-Carbonate hardness as CaCO ₃	mg/l	262	Not Specified
08	Calcium as CaCO ₃	mg/l	420	<187
09	Magnesium as CaCO ₃	mg/l	172	<123
10	Sodium as CaCO ₃	mg/l	115	Not Specified
11	Potassium as CaCO ₃	mg/l	02	Not Specified
12	Chloride as CaCO ₃	mg/l	190	<352
13	Sulphate as CaCO ₃	mg/l	185	<208
14	Nitrate as CaCO ₃	mg/l	04	<36
15	Fluoride as F	mg/l	1.12	<1.00
16	Total Silica as SiO ₂	mg/l	9.33	Not Specified
17	Iron as Fe	mg/l	0.05	<0.3
18	Colour	(---)	Colour less	<5.0/Colourless
19	Turbidity	(NTU)	1.40	<5.0

Note: The limits are applicable for Drinking Water Only.

[Signature]
 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