

vitro labs

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

TEST CERTIFICATE

Our Ref:	VL/A1504-009/2013	Issued To:
Reporting Date:	16.04.2013	M/s. Modi Properties., (Vista Homes).
Collected On:	15.04.2013	
Sample Particulars:	Bore Water-Sample-2	

TEST RESULTS

Physical Parameters	Units	Result	Desirable Potable Limits as per IS: 10500	Permissible Limits as per IS: 10500
pH	--	6.93	6.50-8.50	6.50-8.50
Electrical Conductivity	µ. Mhos/cm	2102	Not Specified	Not Specified
Chemical Parameters				
Dissolved Solids	mg/l	1428	<500	2000
Total Hardness as CaCO ₃	mg/l	520	<300	600
Alkalinity to Phenolphthalein as CaCO ₃	mg/l	Nil	Not Specified	Not Specified
Alkalinity to Methyl orange as CaCO ₃	mg/l	460	<200	600
Non-Carbonate hardness as CaCO ₃	mg/l	60	Not Specified	Not Specified
Calcium as CaCO ₃	mg/l	280	<187	498
Magnesium as CaCO ₃	mg/l	240	Not Specified	Not Specified
Sodium as CaCO ₃	mg/l	525	Not Specified	Not Specified
Potassium as CaCO ₃	mg/l	06	Not Specified	Not Specified
Chloride as CaCO ₃	mg/l	400	<352	1410
Sulphate as CaCO ₃	mg/l	183	<208	416
Nitrate as CaCO ₃	mg/l	04	<36	80
Fluoride as F	mg/l	1.43	<1.00	1.5
Silica as SiO ₂	mg/l	19.33	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

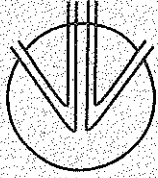
Remarks: 1.As per the above analyzed results within the permissible Limits of IS: 10500-Specification.

2. The sample is analyzed as per IS: 3025 methods for Chemical analysis.

[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



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TEST CERTIFICATE

Our Ref:	VL/A1504-008/2013	Issued To:
Reporting Date:	16.04.2013	M/s. Modi Properties., (Vista Homes).
Collected On:	15.04.2013	
Sample Particulars:	Bore Water-Sample-1	

TEST RESULTS

Physical Parameters	Units	Result	Desirable Potable Limits as per IS: 10500	Permissible Limits as per IS: 10500
pH	--	7.23	6.50-8.50	6.50-8.50
Electrical Conductivity	µ. Mhos/cm	2154	Not Specified	Not Specified
Chemical Parameters				
Dissolved Solids	mg/l	1408	<500	2000
Total Hardness as CaCO ₃	mg/l	648	<300	600
Alkalinity to Phenolphthalein as CaCO ₃	mg/l	Nil	Not Specified	Not Specified
Alkalinity to Methyl orange as CaCO ₃	mg/l	500	<200	600
Non-Carbonate hardness as CaCO ₃	mg/l	148	Not Specified	Not Specified
Calcium as CaCO ₃	mg/l	384	<187	498
Magnesium as CaCO ₃	mg/l	264	Not Specified	Not Specified
Sodium as CaCO ₃	mg/l	425	Not Specified	Not Specified
Potassium as CaCO ₃	mg/l	03	Not Specified	Not Specified
Chloride as CaCO ₃	mg/l	400	<352	1410
Sulphate as CaCO ₃	mg/l	177	<208	416
Nitrate as CaCO ₃	mg/l	04	<36	80
Fluoride as F	mg/l	1.44	<1.00	1.5
Silica as SiO ₂	mg/l	18.56	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

Remarks: 1.As per the above analyzed results within the permissible Limits of IS: 10500-Specification.
2. The sample is analyzed as per IS: 3025 methods for Chemical analysis.

M. Sreed
Authorised Signatory

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