

कार्यालय नगर पालिक निगम, रतलाम (म0प्र0)

01 कालेज रोड रतलाम, दूरभाष -07412-270555

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क्रमांक.../.../स्वा./2022

रतलाम, दिनांक. 29 / 06 / 2022

-// प्रमाण-पत्र //-

यह प्रमाणित किया जाता है कि निर्मला कान्हेन्ट स्कूल धानासुता रोड रतलाम (म0प्र0)
में स्वास्थ्य, स्वच्छता एवं शीचालय व्यवस्था उत्तम व पर्याप्त है।

स्वास्थ्य अधिकारी
नगर पालिक निगम रतलाम (म.प्र.)
29/6/22

स्वास्थ्य अधिकारी
नगर पालिक निगम
रतलाम

Lab-OK	Unique Identification No. -	2096/DWTL	Unique Certificate No. -	2096/DWTL/RTM
Name and address & contact details:		Sender's letter no.	Sender's letter date	05/01/2022
Nirmala Convent School		DWTL receipt no.	DWTL receipt date	02/03/2022
Railham		Condition of sample	OK	Date of start & completion of analysis
				03/03/2022

Sl. No.	Sample details			
	Block	Gram Panchayat	Village	Habitation
1	Railham			
Location Water Sample Of Nirmala Convent School Railham.				

Physical & Chemical Test Report With Details of Parameters, Their Test Methods, Units and Specifications as per IS 4310:2012 & Amendment June 2013 for Drinking Water

No.	Chemicals	Test Method	Unit	Permissible limit (as per IS:4310)	Permissible limit (as per IS:4310 Amendment June 2013)	Test Result	
						1	2
1	2	3	4	5	6	7	
1	Turbidity	IS 3025:1994 (IS:4310:2012)	NPU	10 NPU	5 NTU	0.3	
2	Colour	IS 3025:1994 (IS:4310:2012)	APHA	50 APHA	150 APHA	1	
3	Odour	IS 3025:1994 (IS:4310:2012)	Rating	Appreciable	Appreciable	Agree	
4	TSS ₂	IS 3025:1994 (IS:4310:2012)	Rating	Appreciable	Appreciable	Agree	
5	pH	IS 3025:1994 (IS:4310:2012)	pH Scale	6.5-8.5	6.5-8.5	8.1	
6	Total hardness (as CaCO ₃)	IS 3025:1994 (IS:4310:2012)	mg/l	200 mg/l	600 mg/l	35	
7	Total Hardness (Ca)	IS 3025:1994 (IS:4310:2012)	mg/l	75 mg/l	225 mg/l	25	
8	Total Hardness (Mg)	IS 3025:1994 (IS:4310:2012)	mg/l	35 mg/l	100 mg/l	6	
9	Total Alkalinity (as CaCO ₃)	IS 3025:1994 (IS:4310:2012)	mg/l	200 mg/l	600 mg/l	212	
10	Chloride (as Cl)	IS 3025:1994 (IS:4310:2012)	mg/l	250 mg/l	1000 mg/l	110	
11	DO	IS 3025:1994 (IS:4310:2012)	mg/l	200 mg/l	1000 mg/l	500	
12	Conductivity	IS 3025:1994 (IS:4310:2012)	Micro mhos/cm	---	---	1105	
13	Fluoride (as F)	IS 3025:1994 (IS:4310:2012)	mg/l	1 mg/l	1.5 mg/l	2.15	
14	Nitrate (as NO ₃)	IS 3025:1994 (IS:4310:2012)	mg/l	45 mg/l	45 mg/l	8.5	
15	Iron (as Fe)	IS 3025:1994 (IS:4310:2012)	mg/l	1.0 mg/l	1.0 mg/l	0.18	
16	Manganese (as Mn)	IS 3025:1994 (IS:4310:2012)	mg/l	1.0 mg/l	0.5 mg/l	Nd	
17	Sulfate (as SO ₄)	IS 3025:1994 (IS:4310:2012)	mg/l	200 mg/l	400 mg/l	33	
18	Acidity	mg/l	mg/l	10	10	-	

Bacteriological Test Report With Details of Their Test Methods, Units and Specifications as per IS: 4310

19	Total Coliform	500 CFU/100 ml	100 CFU/ml	Nil	Nil
20	Faecal coliform	500 CFU/100 ml	70 CFU/ml	Nil	Nil

Specific Inference :-

Remark :-

Issue No.	2096/RTM	Issue Date	05/01/2022
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1. This report shall not be considered valid unless it bears the signature of the analyst and the analyst's name is clearly visible on the report.
 2. This report is valid only for the purpose for which it is issued. Values are given for the maximum permissible limits. Exceeding these limits may indicate the presence of contaminants. The report is valid only for the purpose for which it is issued. Values are given for the maximum permissible limits. Exceeding these limits may indicate the presence of contaminants.
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(Signature)
 Dr. K. Gayatri



Test Report

District Water Testing Laboratory (DWTL)
Public Health Engineering Department, Anand Colony, Near Law College Ratlam
Email-eepphcdrat@mp.nic.in, Phone-07412-270439, Fax- 267740

Certificate No : TC 653

TC65511900001734F

Status of Sample: OK	Unique Identification No. - 17583-DWTL	Unique Certificate No. - 1734F-DWTLRTM
Sender's name and address & contact details	Sender's letter date	23/05/2021
To, (Print name, age, weight etc., gender, M.F.E. are return to you center)	DWTL receipt no. 158	23/05/2021
	Condition of sample OK	Date of test & completion of analysis 23/05/2021

Sample details

S.No	Block	Gram Panchayat	Village	Habitat	Location
1	Surat				Police station next to the village

Physical & Chemical Test Report With Details of Parameters, Their Test Methods, Units and Specifications as per IS

No.	Characteristics	Test Method	Unit	No. of samples (Desirable Limit)	Probable Limit in the absence of Alternate Source	Test Result
1			4	5	6	7
1*	Total Hardness as CaCO ₃	IS 3025 (P-31, 200) SA, 2014	mg/l	200	600	64
2*	Calcium as Ca	IS 3025 (P-40, 199) SA, 2014	mg/l	75	200	8
3*	Magnesium as Mg	IS 3025 (P-40, 199) SA, 2014	mg/l	30	100	11
4*	Total Alkalinity as CaCO ₃	IS 3025 (P-25, 199) SA, 2014	mg/l	200	600	14
5*	Chloride as Cl	IS 3025 (P-25, 199) SA, 2014	mg/l	100	300	28

Specific Information

- This report should not be produced ready to fill with out approval of quality authority attached to legal purpose.
- This report should not be accepted for any legal purpose unless it is fully signed. Validity of this report is void if these requirements are not fulfilled.
- The results should not be taken as the basis of taking any source of water, their selection, their safety or any other matter.
- Sample should be stored for a period of 10 days after the date of issue of report.
- This laboratory is not responsible for any results if samples are not held for water or drinking water.
- The report should not be used for any other purpose.
- For more information, visit the website: www.dwtlratlam.org
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- The Director, District Water Testing Laboratory