



TC-6693

## District Water Testing Laboratory

Public Health Engineering Department, Division-Rajnandgaon (C.G.)

e-mail - phelabraj@gmail.com, Phone No. - 07744 - 224035

### Test Report - Chemical

ULR - TC669325000000127E

Report No. - RJN/127/23-05-25

Smpled by:- Principal - Mrs. Nirmala Singh, Delhi Public School, Rajnandgaon (C.G.)

Sample Code :- 127 Sampled On :- 22.05.2025

Sample Name :- Drinking Water Quantity of Sample :- 1 Ltr/Sample

Sender's letter No. - 3372. Sender's Letter Date :- 22.05.2025

Sample Condition :- Good Sample Received On :- 22.05.2025

Test Started on:- 22.05.2025 Test Completed On :- 23.05.2025

#### Sample Details

S. No.	Block	Sample I.D.	Village	Location	Source Discription
1	Rajnandgaon	127/842/May /25	Rajnandgaon	Delhi Public School, Rajnandgaon	-

#### Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

S.No.	Characteristics	Unit of Measurement	Test method IS 3025 / APHA 24th editfon		Acceptable Limit	Permissible Limit in the absence of alternate source	Result of
			Method	Part No.			
							127/842/May /25
1	Turbidity	N.T.U.	IS:3025	10	1	5	3.6
2	Colour	Hazen	APHA	2120- B	5	15	5
3	Odour	....	IS:3025	5	Agreeable	Agreeable	Agreeable
4	Taste	....	IS:3025	8	Agreeable	Agreeable	Agreeable
5	pH value	....	IS:3025	11	6.5-8.5	No Relaxation	7.21
6	Total Alkalinity as CaCO <sub>3</sub>	mg/l	IS:3025	23	200	600	75.85
7	Spe. Conductivity @25°C	µmho/cm	IS:3025	14	-	-	170
8	Total Dissolved Solids At 180°C ± 2°C	mg/l	IS:3025	16	500	2000	110
9	Chloride as Cl <sup>-</sup>	mg/l	APHA	4500 - Cl-B	250	1000	27.7
10	Total Hardness as CaCO <sub>3</sub>	mg/l	IS:3025	21	200	600	112.2

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Continue .....

MRS. NIRMALA SINGH  
PRINCIPAL  
DELHI PUBLIC SCHOOL  
NH- 53, NAGPUR ROAD  
POST - JANGALPUR  
RAJNANDGAON (C.G.) 491444

*N Singh*  
03/06/2025



TC-6693

## District Water Testing Laboratory

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e-mail - phelabraj@gmail.com, Phone No. - 07744 - 224035

### Test Report - Chemical

ULR - TC669325000000127F

Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

S.No.	Characteristics	Unit of Measurement	Test method IS 3025 / APHA 24th edition		Acceptable Limit	Permissible Limit in the absence of alternate source	Result of
			Method	Part No.			
							127/842/May /25
11	Calcium (As Ca <sup>2+</sup> )	mg/l	IS:3025	40	75	200	35.5
12	Magnesium (As Mg <sup>2+</sup> )	mg/l	APHA	3500 - Mg-B	30	100	5.7
13	Nitrates as NO <sub>3</sub> <sup>-</sup> (Screening Method)	mg/l	APHA	4500-NO <sub>3</sub> -B	45	No Relaxation	Nil
14	Iron as Fe <sup>2+</sup>	mg/l	APHA	3500-Fe-B	1.0	No Relaxation	0.15
15	Manganese (As Mn <sup>2+</sup> )	mg/l	APHA	3500-Mn-B	0.1	0.3	Nil
16	Sulphates as SO <sub>4</sub> <sup>2-</sup>	mg/l	IS:3025	24	200	400	8.17
17	Fluorides as F <sup>-</sup>	mg/l	APHA	4500-F-C	1.0	1.5	0.44
18	Arsenic as As	mg/l	IS:3025	37	0.01	No Relaxation	Nil

#### Terms & Condition :-

1. The report should not be produced partly or full without approval of signatory authority of legal purpose.
2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. Results apply to the sample as received.
5. Sampling not done by Laboratory's Staff.
6. The Laboratory does not give interpretation on test result passed/failed.

*Purnima*  
Chemist  
(Purnima Mishra)  
Authorized Signatory

END OF THE REPORT

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*Nirmala Singh*  
02/06/2025  
MRS. NIRMALA SINGH  
PRINCIPAL  
DELHI PUBLIC SCHOOL  
NH- 53, NAGPUR ROAD  
POST - JANGALPUR  
RAJNANDGAON (C.G.) 491441

## District Water Testing Laboratory

Public Health Engineering Department, Division-Rajnandgaon (C.G.)

e-mail - phelabraj@gmail.com, Phone No. - 07744 - 224035

### Test Report – Chemical / Bacterial

Report No. - RJN/127/23-05-25		Sampled by:- Principal - Mrs. Nirmala Singh, Delhi Public School, Rajnandgaon (C.G.)	
Sample Code :-	127	Sampled On :-	22.05.2025
Sample Name :-	Drinking Water	Quantity of Sample :-	1 Ltr/Sample
Sender's letter No. -	3372	Sender's Letter Date :-	22.05.2025
Sample Condition :-	Good	Sample Received On :-	22.05.2025
Test Started on:-	22.05.2025	Test Completed On :-	23.05.2025

#### Sample Details

S.No.	Block	Sample I.D.	Village	Location	Source Description
1	Rajnandgaon	127/842/May /25	Rajnandgaon	Delhi Public School, Rajnandgaon	-

#### Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

S.No.	Characteristics	Unit of Measurement	Test method IS 3025 / APHA 24th edition		Acceptable Limit	Permissible Limit in the absence of alternate source	Result of
			Method	Part No.			127/842/MAY/25
1	Residual chlorine	mg/l	IS:3025	26	0.2	1	Nil
2	E.coli	CFU/100	IS:15185	-	Nil	Nil	50
3	Coliform	CFU/100	IS:15185	-	Nil	Nil	-

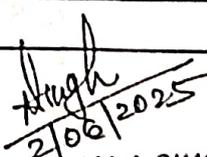
#### Terms & Condition :-

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2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. Results apply to the sample as received.
5. Sampling not done by Laboratory's Staff.
6. The Laboratory does not give interpretation on test result passed/failed.

  
Chemist  
(Purnima Mishra)  
Authorized Signatory

END OF THE REPORT

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21/06/2025  
MRS. NIRMALA SINGH  
PRINCIPAL  
DELHI PUBLIC SCHOOL  
NH- 63, NAGPUR ROAD  
POST - JANGALPUR  
RAJNANDGAON (C.G.) 491441

**District Water Testing Laboratory**  
(National Rural Drinking Water Programme)  
Public Health Engineering Division - Rajnandgaon  
**PROFORMA BILL**

Memo No. - 16

Date - 23.05.2025

To,

Principal,  
Mrs. Nirmala Singh,  
Delhi Public School, Rajnandgaon ( C.G.)

S. No.	Characteristics ,Unit and test method	Individual Rate	Package Rate	Required
	No. of Sample -		1	
1	Odour IS 3025 Part No. 5	1	50	1
2	Color IS 3025 Part No. 4	1		1
3	pH IS 3025 Part No. 11	1		1
4	Total Dissolved Solids, IS 3025 Part No. 16	1		1
5	Turbidity in NTU, IS :3025 Part No. 10	5		5
6	Total Alkalinity as CaCO <sub>3</sub> in mg/l, IS :3025 Part No. 23	20		20
7	Total hardness as CaCO <sub>3</sub> in mg/l, IS: 3025 Part No. 21	20		20
8	Residual chlorine, mg/l as free chlorine*	1		1
9	Chloride as Cl in mg/l, APHA 24th edition, 4500 Cl-B	50	50	50
10	Sulphate as SO <sub>4</sub> <sup>-</sup> in mg/l, IS:3025 Part No. 24	50	50	50
11	Iron as Fe in mg/l, APHA 24th edition, 3500-Fe	50	50	50
12	Arsenic IS: 3025 Part No. 37	100	100	100
13	Fluoride as F in mg/l, APHA 24th edition ,4500-F-C	50	50	50
14	Nitrate as NO <sub>3</sub> <sup>-</sup> in mg/l, APHA24th edition,4500 NO3- B	50	50	50
15	Total Coliform Bacteria per 100 ml, APHA 24th edition 9222B*	100	100	0
16	E Coli per 100 ml, APHA 24th edition*	100	100	100
17	Spe. Conductivity at 25°C in micro mhos /cm, IS: 3025 Part No. 14	20	20.00	20
18	Calcium as Ca <sup>++</sup> , in mg/l, IS: 3025 Part No. 40	50	50.00	50.00
19	Magnesium as Mg <sup>++</sup> , in mg/l APHA 24th edition,3500 Mg B	50	50.00	50.00
20	Manganese as Mn <sup>++</sup> , APHA 24th edition, 3500-Mn - B	100	100.00	100.00
	<b>Total</b>	820	820.00	720
	<b>Grand Total</b>		820.00	720

*Handwritten Signature*  
03/06/2025  
MRS. NIRMALA SINGH  
PRINCIPAL  
DELHI PUBLIC SCHOOL  
NH- 53, NAGPUR ROAD  
POST - JANGALPUR  
RAJNANDGAON (C.G.) 414001

Assistant Engineer  
PHE Sub Dn.  
Rajnandgaon (C.G.)