

PUBLIC HEALTH ENGINEERING DEPARTMENT LABORATORY, KARAU LI

REPORT OF THE CHEMICAL EXAMINATION OF WATER

No: Lab/Jr. Chem./2024-25/ 49

Date-29.04.24


To,
PRINCIPAL
ROYAL INTERNATIONAL SCHOOL
KHEDA

Particulars	Source		drinking water
	Location		Royal International School Kheda
Block			Hindaun city
Village/Town			Hindaun city
Date of Collection			29.04.24
Date of receipt			29.04.24
Date of Examination			29.04.24
Sample No			P1
	Permission value as per		
	Requirement (Acceptable Limit)	Permissible Limit in the absence of Alternate Source	
1. pH	6.5-8.5	6.5-8.5	6.9
2. Turbidity (NTU)	1	5	0.5
3. Colour (Hazen Units)	5	15	
4. Odour	Un Objectionable		
5. Total Alkalinity (as CaCo ₃) mg/l	200	600	130
6. Total Hardness (as CaCo ₃) mg/l	200	600	120
7. Chloride (as Cl ⁻) mg/l	250	1000	110
8. Sulphate	200	400	
9. Fluoride mg/l	1	1.5	0.72
10. Nitrate	45	No relaxation	20
11. Iron	0.3	No relaxation	
12. Arsanic	0.1	0.05	
13. Total dissolved solids	500.0	2000	448

1. SAMPLE FOUND SATISFACTORY

2. Water is clean and Safe to drink

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