

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.

No. E/110

Date : 31.12.2025

It is certified that an inspection team headed by Sri Rakshit Kumar
Assistant Engineer (Name of Officers
with designation) from Drinking Water & Sanitation Div H. bagh (Name of
Department/Office) inspected the Royal Orchid International
School Dhamra, Barhi Hazaribagh (Name & Address of
the School) on _____ and found that the Royal Orchid International
School Dhamra Barhi Hazaribagh (Name of school) has safe
drinking water facilities for the students and members of staff of the institution and is maintaining
the hygienic sanitation condition in the school building & the campus as per the norms
prescribed by the Central/State/U.T Govt.

The above valid for a period of One year.

Signature with Seal : _____

Name

: Rakshit Kumar

Designation

: Assistant Engineer

To

Royal Orchid International
School, Dhamra, Barhi
Hazaribagh

(Name & Address of the Institution)



District Level Water Testing Laboratory, Hazaribagh

Test Report

Report No : 415		Report Issue Date : 09.12.2025
Discipline:- Chemical	Group :- Water	Sub -Group: Drinking Water
Issued To:	ROYAL ORCHID INTERNATIONAL SCHOOL, DHAMNA CHAKURA ,NEAR BARIH JAIL PO-RASOIYA DHAMNA,BARIH,HAZARIBAGH	SAMPLE CODE:- 02
Sample Description / Type	DRINKING WATER (G.W)	Sample Collected by
Sample Location	FINALOUTLET	Sample Quantity / Packing
Date of Sample Received	08.12.2025	Sample Temperature
Date of start of Analysis	08.12.2025	Humidity
Date of Completion Analysis :	09.12.2025	Sampling Procedure
ULR No-	N/A	

Test Result

SL No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit (Max)	Permissible Limit (In Absence of Alternate source) (Max)
(A)	CHEMICAL PARAMETERS					
1	pH	-	7.46	APHA 23 rd Edition 2017-4500-H* B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	3	APHA-23 rd Edition 2017-2130-A, (Nephelometric method)	1	5
3	Chloride (as Cl)	mg/L, Max	20	APHA-23 rd Edition 2017-4500- B, (Argentometric method)	250	1000
4	Total Hardness as CaCO ₃	mg/L, Max	220	APHA-23 rd Edition 2017-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO ₃	mg/L, Max	230	APHA-23 rd Edition 2017-2320-B, (Titration Method)	200	600
6	Calcium as Ca ⁺	mg/L, Max	35.20	APHA-23 rd Edition 2017-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg ⁺	mg/L, Max	20.28	APHA-23 rd Edition 2017-3500-Mg-B, (EDTA Titrimetric Method)	30	100
8	Fluoride as F	mg/L, Max	0.16	APHA 23 rd Ed.2017-4500 F* C, (Ion selective electrode method)	1.0	1.50
9	Colour	CU (Hazen)	2	APHA 23 rd Edition (Visual Comparison Method)	5	15
10	Odour	--	Agreeable	IS 3025 (Part-5)	Agreeable	Agreeable
(B)	BIOLOGICAL PARAMETERS					
11	Total Coliform	CFU/100 mL	0	APHA 23 rd Ed. 2017-9222B (Membrane Filter Technique)	Shall not be detectable in any 100 mL Sample	
12	Thermotolerant(Fecal) Coliform/ E.Coli	CFU/100 mL	0	APHA 23 rd Ed. 2017-9222D (Membrane Filter Technique)	Shall not be detectable in any 100 mL Sample	

Remarks:- According to above parameters Water is fit for drinking Yes () / No ()

<p>Specific contractual notes:-</p> <ol style="list-style-type: none"> 1. The results listed refer only to the tested sample and applicable parameter. 2. This report shall not be reproduced except in full without approval of the laboratory. 3. This report results apply to the sample as received. 4. This report results relate only to the items tested. 5. This report, in full or in part, shall not be used for advertising or as evidence in any court of law. 6. Tested Sample shall be retained up to seven days from the date of issue of the test report 7. The liability of the laboratory is limited to the invoiced amount. 8. All disputes are subjected to the Hazaribagh Jurisdiction. 9. NOTE:- BDL=Below Detection Limit 	Reviewed by	Authorized by
<p>on the basis of above test of parameter collected sample conformity is 10500.</p>		
	Mr. B.K. Prasad Technical Manager	Quality Manager District Level Water Testing Laboratory D.W.&S Division, Hazaribagh

.....End of Report.....