



Government of Maharashtra,
Water Supply and Sanitation Department

SUB DIVISIONAL WATER TESTING LABORATORY
Senior Geologist, Groundwater Surveys and Development Agency,
Near savitribai collage ,khapar road,sorapada,akkalkuwa -425415

Test Report :-

Lab Outward No.	: GSDA/SDL/AKK/76/26	Date of issue :	14.07.26
Report No	: 8		
Discipline	: Chemical	Group	: Water
Unique Report No.	:		
Name Of Customer	: Era international school		
Address of Customer	: Korai		
Letter No/ Reference No:	: 77/2026 Dated: 06-07-2026		
Sample declaration as provided by customer			
Nature of sample	: Drinking Water		
Sample drawn & collected by	: Korai,khapar,Tel Akkalkuwa,Nandurbar		
Sample received at lab on	: 06-07-26		
Date of Tests	: 06-07-2026 - 13-04-2026		
Sample Container	: Plastic/Glass		
Sample Code No.	: SDLAKK/08/26	Sample Quantity/ Remark :	1 Liter
Test Method	: APHA,Method 24th Edition,2023		

Sample Details :-

District	Taluka	Village	Location	Source
Nandurbar	Akkalkuwa	korai	korai	Borewell (RO water)

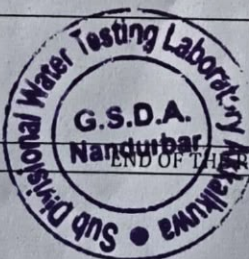
A. CHEMICAL ANALYSIS

No.	Parameters (Units)	Test Method	BIS 10500:2012		SDLAKK/08/26
			Desirable limit	Permissible limit	
1	Colour (HU)	APHA, 24th Ed. 2023, METHOD-2120-Colour-(B)	5	15	1
2	Taste	IS 3025 (Part 5)- 2018	Agreeable	Agreeable	Agreeable
3	Odour	IS 3025 (Part 5)- 2018	Agreeable	Agreeable	Agreeable
4	Turbidity (NTU)	APHA, 24th Ed. 2023, METHOD-2130-Turbidity-(B)	1	5	0.01
5	pH (At 25°C)	APHA, 24th Ed. 2023, METHOD-4500-pH-(B)	6.5-8.5	No relaxation	6.68
6	Electrical Conductivity (µS/cm @25°C)	APHA, 24th Ed. 2023, METHOD-2510-Conductivity-(B)	---	----	35.3
7	Total Dissolved solids	APHA, 24th Ed. 2023, METHOD-2540-Solids-(C)	500	2000	22.99
8	Fluoride (mg/L)	APHA, 24th Ed. 2023, METHOD-4500-F-(D)	1	1.5	0.01
9	Nitrate (mg/L)	APHA, 24th Ed. 2023, METHOD-4500-NO3-(B)	45	No relaxation	0.5
10	Iron (mg/L)	APHA, 24th Ed. 2023, METHOD-3500-Fe-(B)	1	No relaxation	0.01
11	Chloride (mg/L)	APHA, 24th Ed. 2023, METHOD-4500-Cl-(B)	250	1000	2
12	Total Alkalinity (mg/L)	APHA, 24th Ed. 2023, METHOD-2320-Alkalinity-(B)	200	600	8
13	Total Hardness (mg/L)	APHA, 24th Ed. 2023, METHOD-2340-(C)	200	600	12
14	Calcium (mg/L)	APHA, 24th Ed. 2023, METHOD-3500 Ca-(B)	75	200	3.2
15	Magnesium (mg/L)	APHA, 24th Ed. 2023, METHOD-3500 Mg-(B)	30	100	2.13

Note:

- 1) The results relate only to the item/s tested & results apply to the sample as received.
- 2) The report shall not be reproduced except in full without approval of the laboratory.
- 3) This report refers only to the particular sample submitted for analysis.
- 4) In Absence of TM/Lab Chemist the QM & CEO will Authorise the Result.
- 5) BDL Means Below Detection Limit.

Tested by
(TM/Lab Chemist)



Sr. Geologist
G.S.D.A. Nandurbar



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Nandurbar	Akkalkuwa	korai	korai	Borewell (RO water)

B. CHEMICAL ANALYSIS

No.	Parameters (Units)	Test Method	BIS 10500:2012		SDLAKK/08/26
			Desirable limit	Permissible limit	
1	Sulphate (mg/L)	APHA, 24th Ed. 2023, METHOD-2320-(E)	200	400	0.8

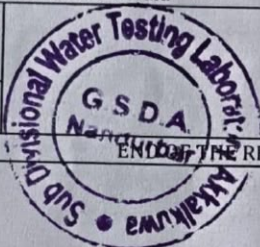
C. BACTERIOLOGICAL ANALYSIS

No.	Parameters (Units)	Test Method	BIS 10500:2012		Remark
			Desirable limit	Permissible limit	
2	Total Coliform (MPN/100ML)	APHA, 24th Ed. 2023, METHOD-9221-(B)	0	0	Fit
3	E-Coli (MPN/100ML)	APHA, 24th Ed. 2023, METHOD-9221-(C)	0	0	Fit

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Tested by
(TM/Lab Chemist)



END OF THE REPORT

Sr. Geologist
G.S.D.A.Nandurbar