GOVT.OF WEST BENGAL
OFFICE OF THE ASSISTANT ENGINEER
KHARAGPUR SUB-DISTRICT LABORATORY
PUBLIC HEALTH ENGINEERING DIRECTORATE
KHARAGPUR, PASCHIM MEDINIPUR

GRN: 192026270213070788	**TEST REPORT**		*Report Date-10/09/2026*		
District: Paschim Medinipur	*DAV MODEL SCHOOL*		*IIT Kharagpur , 721302*		*Affiliation No.-2430060 School No.-15583*
Sample ID:	0378				
Source of sample :	*DAV MODEL SCHOOL*	*2	*3	*4	*5
Name of Location:	*IIT Campus*	-	-	-	-
Types of Water Source	**Submersible**	-	-	-	-
Date of collection:	*09/09/2026*				
Sample collected by:	Debasis Roy				

TEST RESULT

PARAMETER	EXPRESSED AS	STANDARD QUALITY As per IS: 10500:2012		Result				
		Desirable Limit	Permissible Limit (in absence of alternate source)	*1	*2	*3	*4	*5
PHYSICAL PARAMETER								
1. pH	-	6.5-8.5	No relaxation	6.53	-	-	-	-
2. TURBIDITY	NTU	1	5	0.12	-	-	-	-
4. TDS	mg/lit	500	2000	69.7	-	-	-	-
CHEMICAL PARAMETER								
1.IRON	mg/lit	1.0(max.)	No relaxation	0.002	-	-	-	-
2. MANGANESE	mg/lit	0.1(max.)	0.3(max.)	0.001	-	-	-	-
2. RESIDUAL CHLORINE	mg/lit	0.2(max.)	1(max.)	-	-	-	-	-
3. TOTAL HARDNESS	mg/lit	200 (max.)	600 (max.)	48	-	-	-	-
BACTERIOLOGICAL PARAMETER								
1.TOTAL COLIFORM BACTERIA	CFU/100 ml	Shall not be detected in any 100ml sample		00	-	-	-	-
2.FAECAL COLIFORM	CFU/100 ml	Shall not be detected in any 100ml sample		00	-	-	-	-

Remarks: i) From the above, Physical Parameter test Results of the sample is within Permissible Limit.

ii) From the above Chemical Test Results, it can be said that test Results is within Permissible Limit.

iii) From the above Bacteriological Test Results, it can be said that the results of the sample is within permissible limit.

N.B: Sample was not collected by the department, hence source and depth not confirmed.

Maitra 10/09/2026

Chemist /Bacteriologist
Kharagpur Sub-District Laboratory
P.H.E. Dte.

Chemist / Bacteriologist
Kharagpur Sub-District Laboratory
Kharagpur Sub-Division, P.H.E. Dte.

10.09.26

Junior Engineer
Kharagpur Sub-Division
P.H.E. Dte.

Junior Engineer
Kharagpur Sub-Divn., P.H.E. Dte

INDIAN
INSTITUTE OF
TECHNOLOGY
KHARAGPUR-721302

भारतीय
प्रौद्योगिकी
संस्थान
खड़गपुर

B. C. ROY TECHNOLOGY HOSPITAL

Dated: 10.09.2026

Sub- The Observation report of the Health and Sanitary condition and Safe drinking water at DAV Model School, IIT Kharagpur Campus

Sanitary Condition-The School Campus is clean. Class rooms, corridors, Wash rooms are Clean. Waste disposal is maintained. Vector control measures is done regular interval.

Health-Periodically Health Checkup is done by specialist Doctors. First Aid is there and provided to the students when required. Wheel Chair and Stretcher are available.

Safe Drinking Water-Safe Drinking Water supply is there. RO system is maintained periodically. Drinking place is clean.

Health and Sanitary condition and Safe drinking water- Satisfactory.

10/9/26.

Dr. B Sahoo
PH(Consultant)
BCRTH, IIT Kharagpur

DR. B. SAHOO
Water Consultant
B.C. Roy Technology Hospital
IIT, Kharagpur

10/09/26

Dr. I Banerjee
Medical Officer & Head
BCRTH, IIT Kharagpur

Medical Officer & Head
BCRT Hospital
IIT Kharagpur

Phone : 03222-282631 & 282630 **Gram** : Technology Kharagpur **Telex** : 06401-201 ITKG in **Fax** : 03222-282631