

WATER ANALYSIS REPORT

Report No:	017736	Sample Source:	KG Canteen
Customer Name & Address:	STRAIGHTPATH INTERNATIONAL SCHOOL Panakkad Malappuram Dt, Kerala	Segment:	Institutional
		Collection Date:	20/06/2026
		Sample Container:	Non-Sterilized
		Test Type:	General
		Collected by:	Client

Sl. No.	Characteristics	Method (APHA)	Acceptable Limits (IS 10500:2012)	Permissible limits in the absence of alternate sources	Results	Unit
1	Turbidity	2130 B	1.0	5.0	0.5	NTU
2	Taste	2160 B	Agreeable	No relaxation	No Taste	
3	Colour	2120 B	5.0	15.0	Clear	Hazen
4	Odor	2150 B	Agreeable	No relaxation	Odor less	
5	pH	4500 H + B	6.5-8.5	6.5-8.5	7.11	
6	Electrical conductivity	2510 B			27	µS/cm
7	Total dissolved solids	2540 C	500	2000	18	mg/litre
8	Alkalinity (Total)	2320 B	200	600	12	mg/litre
9	Total Hardness (As CaCO ₃)	2340 C	200	600	14	mg/litre
10	Calcium hardness	3500 Ca B	75	200	4	mg/litre
11	Chloride	4500 Cl ⁻ B	250	1000	7	mg/litre
12	Calcium	3500 Ca B	75	200	2	mg/litre
13	Iron	3500 Fe B	0.3	1.0	BDL	mg/litre
14	Sulphate	4500 SO ₄ E	200	400	1	mg/litre
15	Magnesium	3500 Mg B	30	100	2	mg/litre
Bacteriological Parameters:						
16	Total Coliforms	9222B	Nil/100 ml	Nil/100 ml	NIL	CFU/100ml
17	Fecal Coliforms	9222D	Nil/100 ml	Nil/100 ml	NIL	CFU/100ml
18	<i>E. coli</i>	9222 D	Nil/100 ml	Nil/100 ml	NIL	CFU/100ml

BDL- Below detectable limit.

TNTC- Too Numerous To Count (More than 1200CFU/100ml)

NOTES ON ANALYSIS: The water analysis revealed that Coliforms presence not found. pH is normal. Other Physical and Chemical Parameters are within the limits.



Muhammed Swadhik
 Digitally signed by Muhammed Swadhik
 Date: 2026.06.26 02:28:41 +05'30'

ANALYST INCHARGE
QUALITY CONTROL DIVISION
bet lab
MALAPPURAM



Malappuram Municipality

Pincode: 676505 GST: 32AAALM1794K1ZW

Phone number 0483 2734228 Email: mlpmmunci@gmail.com

<https://malappurammunicipality.lsgkerala.gov.in>,

Certificate number : 5943515-2026

Date : 21-07-2026

SANITARY CERTIFICATE

This is to certify that the sanitary conditions, waste disposal amenities, hygienic conditions and water sanitation of the Straightpath International School Panakkad Pattarkadavu P.O, building numbers 38/5B8 is working in Malappuram Municipality is found good and satisfactory at the time of inspection

Signature Not Verified

Digitally signed by Valsan C K
Date: 2026.07.21 16:48:28 IST
Reason: KSMART