



# PUBLIC HEALTH LABORATORY

## VADODARA MUNICIPAL CORPORATION

(NABL Accredited Testing Laboratory as per ISO/IEC 17025 : 2017)



Name and address of Customer (#):  
AVALON WORLD SCHOOL, WAGHODIA  
OPP. SUMANDEEP VIDHYAPEETH,  
WAGHODIA, VADODARA.

Test Report No : PHL/PW/1775/2025  
Test Report Issue Date : 15-12-2025  
Sample Code No. : PW/1744/2025  
Sample Received Date : 09-12-2025  
ULR Number : TC955925000003436F

### Test Report

- (i) Kind of Sample (#) : Drinking Water (R.O.)  
(ii) Sample Description : 1 litre water sample received in plastic bottle.  
(iii) Sample Condition : Received in good condition.  
(iv) Physical Appearance : A clear colourless liquid.  
(v) Date of Performance : 09-12-2025 to 15-12-2025.  
(vi) Location of Performance : Water Testing Lab.  
(vii) Discipline : Chemical.  
(viii) Group : Water.

Sr. No.	Quality Characteristic	Name of Method of Test Used	Result	IS 10500:2012 (2 <sup>nd</sup> Revision)	
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
				Max.	Max.
1	Colour, Hazen unit	APHA (24 <sup>th</sup> Ed.2022), Method: 2120 B	1	5	15
2	Odour	IS 3025 (Part-5) : 2018	Agreeable	Agreeable	Agreeable
3	Turbidity, NTU	APHA (24 <sup>th</sup> Ed.2022), Method: 2130 B	0.10	1	5
4	pH at 25°C	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 H <sup>+</sup> B	7.49	6.5 to 8.5	No relaxation
5	Conductivity at 25°C, µs/cm	APHA (24 <sup>th</sup> Ed.2022), Method: 2510 B	250.00	-	-
6	Total Dissolved Solids, mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 2540 C	166.00	500	2000
7	Total Hardness (as CaCO <sub>3</sub> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 2340 C	46.00	200	600
8	Calcium (as Ca <sup>2+</sup> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 3500 Ca <sup>2+</sup> B	8.02	75	200
9	Magnesium (as Mg <sup>2+</sup> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 3500 Mg <sup>2+</sup> B	6.30	30	100
10	Chloride (as Cl <sup>-</sup> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 Cl <sup>-</sup> B	42.00	250	1000
11	Sulphate (as SO <sub>4</sub> <sup>2-</sup> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 SO <sub>4</sub> <sup>2-</sup> E	31.34	200	400
12	Nitrate (as NO <sub>3</sub> <sup>-</sup> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 NO <sub>3</sub> <sup>-</sup> B	< 1.00	45	No relaxation
13	Fluoride (as F <sup>-</sup> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 F <sup>-</sup> C	0.12	1	1.5
14	Total Alkalinity (as CaCO <sub>3</sub> ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 2320 B	56.00	200	600

Note : Above tests are accredited by NABL

Opinion: In respect of test performed as above, the sample Complies with standard requirement of IS 10500 : 2012 (2<sup>nd</sup> revision) for drinking water.

\*\*End of Test Report\*\*



(M. L. Patel)  
Food Analyst  
Public Health Laboratory  
Vadodara Municipal Corporation

#### Note:

1. This Report refers only to particular sample submitted for testing.
2. This Report is not to be used for the purpose of Advertisement or Legal action.
3. Information marked with "#" is provided by the customer.



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(vi) Location of Performance : Water Testing Lab.  
(vii) Discipline : Chemical and Biological.  
(viii) Group : Water.

Sr. No.	Quality Characteristic	Name of Method of Test Used	Result	IS 10500:2012 (2nd Revision)	
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
				Max.	Max.
1	Residual Free Chlorine, mg/L	FSSAI Manual Method For Analysis of Foods (Water), 2016	Nil	0.2*	1.0
2	E. Coli	FSSAI Manual Method For Analysis of Foods (Water), 2016	Absent	shall not be detectable in any 100 ml sample	No relaxation

Note : Above tests are not accredited by NABL.

**Opinion:** In respect of test performed as above, the sample Complies with standard requirement of IS 10500 : 2012 (2<sup>nd</sup> revision) for drinking water.

**\*\*End of Test Report\*\***



(M. L. Patel)  
Food Analyst  
Public Health Laboratory  
Vadodara Municipal Corporation

**Note:**

1. This Report is refers only to particular sample submitted for testing.
2. This Report is not to be used for the purpose of Advertisement or Legal action.
- 3\*. To be applicable only when water is chlorinated.
- 4\*. When protection against viral infection is required, it should be minimum 0.5 mg/L.
5. Information marked with “#” is provided by the customer.



No.Health /DSI/Sanitation/ 205/2025

DATE- 12/02/2025

PROFORMA REGARDING SAFE DRINKING AND SANITARY CONDITION

**Certificate**

It is certified that an inspection team headed by DR.Hemsingh Rathod  
(Name of Officers with designation) from Q.A.M.O  
(Name of Department/Office) inspected the AVALON WORLD School  
(Name & Adress of the School) on 12/02/2025 (date of inspection) and on the basis of  
Water Test Report(Attached)bearing no 1316/2024 dated 23/10/2024 of Chief Scientific  
officer Public Health Laborotory (PHL) certified that the AVALON WORLD SCHOOL  
(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 1 year



Chief District Health Officer  
District Panchayat Vadodara

To  
AVALON WORLD SCHOOL  
OPP.SUMANDEEP VIDYAPEETH  
TA. WAGHODIA DIST-VADODARA

Principal  
Avalon World School  
Waghodia

