

**PUBLIC HEALTH LABORATORY**

Vadodara Municipal Corporation,  
1<sup>st</sup> and 2<sup>nd</sup> Floor Old Vuda Building,  
Fatehgunj, Vadodara - 390002

Phone: 0265- 2781433

To,  
Avalon World School, Waghodia  
Opp. Sumandeep Vidyapeeth,  
Waghodia, Vadodara.

Test Report No : PHL/PW/1316/2024  
Test Report Issue Date : 23/10/2024  
Sample Code No. : PW/1297/2024  
Sample Received Date : 17/10/2024

**Test Report**

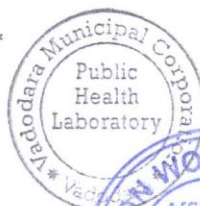
- (i) Kind of Sample : Drinking Water (R.O.)  
(ii) Sample Description : 1 Liter water sample received in plastic bottle.  
(iii) Physical Appearance : A clear colourless liquid.  
(iv) Date of Performance : From 17/10/2024 to 23/10/2024  
(v) Location of Performance : Water Testing Lab.  
(vi) Discipline : Chemical and Biological.  
(vii) 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	1.0	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	0.17	1	5
4	pH at 25°C	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 H <sup>+</sup> B	7.01	6.5 to 8.5	No relaxation
5	Conductivity at 25°C, $\mu\text{S}/\text{cm}$	APHA (24 <sup>th</sup> Ed.2022), Method: 2510 B	177.4	-	-
6	Total Dissolved Solids, mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 2540 C	114.0	500	2000
7	Total Hardness (as $\text{CaCO}_3$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 2340 C	34.0	200	600
8	Calcium (as $\text{Ca}^{+2}$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 3500 $\text{Ca}^{+2}$ B	5.60	75	200
9	Magnesium (as $\text{Mg}^{+2}$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 3500 $\text{Mg}^{+2}$ B	4.86	30	100
10	Chloride (as $\text{Cl}^-$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 $\text{Cl}^-$ B	32.0	250	1000
11	Sulphate (as $\text{SO}_4^{-2}$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 $\text{SO}_4^{-2}$ E	12.85	200	400
12	Nitrate (as $\text{NO}_3^-$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 $\text{NO}_3^-$ B	Nil	45	No relaxation
13	Fluoride (as $\text{F}^-$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 4500 $\text{F}^-$ C	0.13	1	1.5
14	Total Alkalinity (as $\text{CaCO}_3$ ), mg/L	APHA (24 <sup>th</sup> Ed.2022), Method: 2320 B	40.0	200	600
15	Ammonia (Sewage Contamination)	FSSAI Manual Method for Analysis of Foods (Water), 2016	Absent	Absent	Absent
16	Residual Free Chlorine, mg/L	FSSAI Manual Method for Analysis of Foods (Water), 2016	Nil	0.2*	1.0
17	E.Coli	FSSAI Manual Method for Analysis of Foods (Water), 2016	Absent	shall not be detectable in any 100 ml sample	No relaxation

**Opinion:** In respect of test performed as above, the sample **Complies** with standard requirement of IS 10500 : 2012 (Second revision) for drinking water.

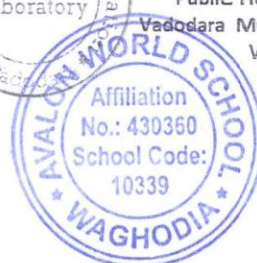
\*\*End of Test Report\*\*

Principal  
Avalon World School  
Waghodia



Food Analyst  
Public Health Laboratory  
Vadodara Municipal Corporation  
Vadodara

- 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\*. To be applicable only when water is chlorinated.  
4\*. When protection against viral infection is required. It should be minimum 0.5 mg/L.



No.Health /DSI/Sanitation/ 205/2025


DATE- 12/02/2025

PROFORMA REGARDING SAFE DRINKING AND SANITARY CONDITION

### Certificate

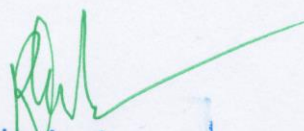
It is certified that an inspection team headed by DR.Hemsingh Rathod  
(Name of Officers with designation) from Q.A.M.O  
(Name of Department/Office) inspected the AVALON WORLD School  
(Name & Adress of the School) on 12/02/2025 (date of inspection) and on the basis of  
Water Test Report(Attached)bearing 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

