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CERTIFICATE OF ANALYSIS

Name of the Sample : Orthophosphoric acid AR
Batch No. : 225790
Date of Mfg : June 2022
Date of Expiry : May 2027
Register No : 2022-23
Qty of Sample : 500ml
Date of Analysis : June 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Clear, Colorless viscous liquid.
2.	Assay	86.5%	Min.85.0%
3.	Wt. per ml at 20°C	1.725gm	about 1.7 g
4.	Colour	Passes	Max.10 Hazen units
5.	Chloride	0.0005%	Max.0.0015%
6.	Nitrate	0.0005%	Max.0.0005%
7.	Silicate	0.001%	Max.0.005%
8.	Sulphate	0.0008%	Max.0.002%
9.	Volatile acids	0.001%	Max.0.001%
10.	Iron	0.0003%	Max.0.0015%
11.	Lead	0.0002%	Max.0.0002%
12.	Potassium	0.001%	Max.0.001%
13.	Sodium	0.0095%	Max.0.01%
14.	Zinc	0.0002%	Max.0.0002%
15.	Substances reducing Permanganate	Passes	Max.0.001%

Chief Chemist