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CERTIFICATE OF ANALYSIS

Name of the Sample : Acetic Acid AR Grade
Batch No. : 225968
Date of Mfg : Sep 2022
Date of Exp : Aug 2027
Register No. : 2022-23
Qty of Sample : 500 ml
Date of Analysis : Sep 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A Clear colorless liquid
2.	Assay	99.82%	Min.99.8%
3.	Wt. per ml at 20°C	1.0498gm	About 1.049 g
4.	Freezing point	Passes	Not below 16.2°C
5.	Colour	Passes	Max.10 Hazen units
6.	Water insoluble matter	Passes	Passes test
7.	Water	0.08%	Max.0.2%
8.	Non-volatile matter	0.0002%	Max.0.001%
9.	Chloride	0.0001%	Max.0.0001%
10.	Formate	0.0045%	Max.0.01%
11.	Sulphate	0.0001%	Max.0.0001%
12.	Substances reducing Permanganate (O)	<0.003%	Max.0.003%

Chief Chemist