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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Acetic Acid Glacial AR**  
**Batch No.** : **228742**  
**Date of Mfg.** : **Aug 2025**  
**Date of Exp** : **July 2030**  
**Register No.** : **2025-26**  
**Qty of Sample** : **500 ml**  
**Date of Analysis** : **Aug 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A Clear colorless liquid
2.	Assay	99.8%	Min.99.8%
3.	Wt. per ml at 20°C	1.0495gm	About 1.049 g
4.	Freezing point	Passes	Not below 16.2°C
5.	Color	Passes	Max.10 Hazen units
6.	Water insoluble matter	Passes	Passes test
7.	Water	0.073%	Max.0.2%
8.	Non-volatile matter	0.0002%	Max.0.001%
9.	Chloride	0.0001%	Max.0.0001%
10.	Formate	0.0042%	Max.0.01%
11.	Sulphate	0.0001%	Max.0.0001%
12.	Substances reducing Permanganate (O)	<0.003%	Max.0.003%

**Chief Chemist**