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CERTIFICATE OF ANALYSIS

Name of the Sample : **Glycerol AR**
Batch No. : **227580**
Date of Mfg. : **May 2024**
Date of Exp. : **April 2029**
Register No. : **2024-25**
Qty of Sample : **500 ml**
Date of Analysis : **May 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	A Clear colorless or almost colorless, Hygroscopic, syrupy liquid.
2.	Assay	99.82%	Min.99.5%
3.	Weight per ml at 20°C	1.259g	1.257 – 1.261g
4.	Refractive Index	1.4714	1.471 – 1.474
5.	Sulphated ash	0.0035%	Max.0.005%
6.	Chloride	0.0001%	Max.0.0001%
7.	Sulphate	0.0002%	Max.0.0005%
8.	Iron	0.00005%	Max.0.00005%
9.	Lead	0.00005%	Max.0.00005%
10.	Glycerol tributyrate	0.054%	Max.0.08%
11.	Fatty acids	Passes	Passes test
12.	Organic impurities	Passes	Passes test
13.	Reducing substances	Passes	No Reaction
14.	Sugars (glucose)	Passes	Max.0.004%

Chief Chemist