



CERTIFICATE OF ANALYSIS

PRODUCT NAME : GLYCEROL AR

CAS No : 56-81-5

Product code : 23420

Mol. Formula : C₃H₈O₃

Batch No. : MCAR-00084

Mol. wt : 92.09

Mfd. : April 2024

Date of analysis : 27/04/24

Exp. : March 2029

S.R	Test	Specification	Observation
1	Description	Clear colourless viscous liquid, Colour not more than 20 Hazen units.	Clear colourless viscous liquid, Colour less than 20 Hazen unit.
2	Assay (GC)	99 % min	99.87%
3	Wt. per ml (at 20 ⁰ c)	1.257-1.261g	1.257g
4	Refractive index	1.471 – 1.473	1.472
5	Reaction pH	6.0 -7.0	6.57
6	Sulphated ash	0.005% max	0.004%
7	Chloride (Cl)	0.0001% max	< 0.0001%
8	Sulphate (SO ₄)	0.0005% max	< 0.0005%
9	Ammonium (NH ₄)	0.0005% max	< 0.0005%
10	Arsenic (As)	0.00004% max	< 0.00004%
11	Copper (Cu)	0.00005% max	< 0.00005%
12	Iron (Fe)	0.00005% max	< 0.00005%
13	Lead (Pb)	0.00005% max	< 0.00005%
14	Ester of volatile acids (glycerol tributyrates)	Passes Test	Passes Test
15	Fatty acids	Passes Test	Passes Test
16	Organic impurities	Passes Test	Passes Test
17	Reducing substances	No reaction	No reaction
19	Sugar (glucose)	0.004% max	< 0.004%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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