

CERTIFICATE OF ANALYSIS

PRODUCT NAME : GLYCEROL AR

CAS No : 56-81-5
Mol. Formula : C₃H₈O₃
Mol. wt : 92.09
Date of analysis : 18/10/24

Product code : 23420
Batch No. : MCAR-00726
Mfd. : Oct. 2024
Exp. : Sept. 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	99.28%
3	Wt. per ml (at 20⁰c)	1.257-1.261g	1.258g
4	Refractive index	1.471 – 1.473	1.472
5	Reaction pH	6.0 -7.0	6.90
6	Sulphated ash	0.005% max	0.004%
7	Chloride (Cl)	0.0001% max	< 0.0001%
8	Sulphate (SO₄)	0.0005% max	< 0.0005%
9	Ammonium (NH₄)	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 tributyrat)	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]



**CHEMIST
(Deepa)**

[QC Incharge]



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

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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.