



CERTIFICATE OF ANALYSIS

Product Name	: GLYCEROL 98% EXTRAPURE
Cas No.	: 56-81-5
Code No.	: 01291
Batch No.	: PC01242492
Mfg. Date	: JAN-2024
Date Of Analysis	: 23/01/2024
Retest Date	: DEC-2028

TEST	SPECIFICATION	RESULT
Appearance	A clear, colorless or almost colorless, odourless; very hygroscopic, syrupy liquid	A clear, colorless very hygroscopic, syrupy liquid
Assay	98.0 - 101.0%	99.99%
Identification as per IP	To comply	Complies
Clarity (50% w/v in distilled water)	Clear	Complies
Color (10 ml of 50% w/v solution diluted to 25 ml)	Colorless	Complies
Refractive index (20°C; 589 nm)	1.470 - 1.475	1.472
Acidity	Max 0.2 ml of 0.1 N NaOH required for 50 ml of 50% w/v solution	Complies
Alkalinity	Nil	Nil
Heavy metal (as Pb)	Max 0.0005%	0.00001%
Iron (Fe)	Max 0.0004%	0.00002%
Chloride (Cl)	Max 0.0025%	0.0005%
Sulphate (SO ₄)	Max 0.003%	0.0003%
Aldehyde and reducing substance	To Pass IP test	Passes
Ester	Min 8.0 ml of 0.1M HCl required to decolorise the 50 ml of 50% w/v solution of glycerin in water	Complies
Sugar	To pass IP test	Passes
Sulphated ash	Max 0.01%	0.0054%
Water (H ₂ O)	Max 2%	0.017%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com