



CERTIFICATE OF ANALYSIS

Product Name	: GLYCEROL 98% EXTRAPURE
Code No.	: 01291
Batch No.	: PC12222067
Mfg. Date	: DEC-2022
Date Of Analysis	: 02/12/2022
Retest Date	: NOV-2027

TEST	SPECIFICATION	RESULT
Appearance	A clear, colourless or almost colourless, odourless; very hygroscopic, syrupy liquid	A clear, colourless, odourless; very hygroscopic, syrupy liquid
Assay	98.0 – 101.0%	99.63%
Clarity (50% w/v in distilled water)	Clear	Complies
Colour (10 ml of 50% w/v solution diluted to 25 ml)	Colourless	Complies
Refractive index (20°C; 589 nm)	1.470 - 1.475	1.4710
Acidity	Max 0.2 ml of 0.1 N NaOH required for 50 ml of 50% w/v solution	Complies
Alkalinity	NIL	Complies
Heavy metal (as Pb)	Max 0.0005%	Less than 0.0005%
Iron (Fe)	Max 0.0004%	Less than 0.0004%
Chloride (Cl)	Max 0.0025%	Less than 0.0025%
Sulphate (SO ₄)	Max 0.0030%	Less than 0.0030%
Aldehyde and reducing substance	To Pass IP test	Complies
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	Complies
Sulphated ash	Max 0.01%	0.006 %
Water (H ₂ O)	Max 2%	0.082%

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