



CERTIFICATE OF ANALYSIS

Product Name	: GLYCERINE PURIFIED
Code No.	: 01291
Batch No.	: PC/0003/20-2
Mfg. Date	: APRIL-2020
Date Of Analysis	: 09.04.2020
Retest Date	: MARCH-2024

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 - 101%	99.06 %
Clarity (50% w/v in distilled water)	Clear	Clear
Colour (10 ml of 50% w/v solution diluted to 25 ml)	Colorless	Colorless
Refractive index (20°C; 589 nm)	1.470 - 1.475	1.471
Acidity	Max 0.2 ml of 0.1 N NaOH required for 50 ml of 50% w/v solution	0.1 ml of 0.1 N NaOH required for 50 ml of 50% w/v solution
Alkalinity	NIL	NIL
Heavy metal (as Pb)	Max 0.0005%	0.00022%
Iron (Fe)	Max 0.0004%	0.00024%
Chloride (Cl)	Max 0.0025%	0.0009 %
Sulphate (SO4)	Max 0.0030%	0.0018 %
Aldehyde and reducing substance	To Pass IP test	Pass IP test
Ester	Min 8.0 ml of 0.1M HCl required to decolorise the 50 ml of 50% w/v solution of glycerin in water	8.5 ml of 0.1M HCl required to decolorise the 50 ml of 50% w/v solution of glycerin in water
Sugar	To pass IP test	pass IP test
Sulphated ash	Max 0.01%	0.006 %
Water (H2O)	Max 2%	1.48 %

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

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**