

**Manufacturers of Laboratory Fine Chemicals** 

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## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	:	GLYCERINE PURIFIED	(6)
Code No.	:	01291	
Batch No.	:	PC/0007/20-2	
Mfg. Date	:	April – 2020	
<b>Date Of Analysis</b>	:	March 2020	
Retest Date	:	March - 2024	

TEST	SPECIFICATION	RESULT
	A Clear, colourless liquid or	A Clear, colourless liquid or
Appearance	almost colourless, odourless,	almost colourless, odourless,
	very hygroscopic, syrupy liquid	very hygroscopic, syrupy liquid
Assay	98 - 101%	99.08%
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
	Max 0.2 ml of 0.1 N NaOH	0.1 ml of 0.1 N NaOH required
Acidity	required for 50 ml of 50% w/v	for 50 ml of 50% w/v solution
	solution	
Alkalinity	NIL	NIL
Heavy metal (as Pb)	Max 0.0005%	0.0002%
Iron (Fe)	Max 0.0004%	0.0002%
Chloride (Cl)	Max 0.0025%	0.0008%
Sulphate (SO4)	Max 0.0030%	0.0015%
Aldehyde and reducing substance	To Pass IP test	Passes IP test
14	Min 8.0 ml of 0.1M HCl	4.5 ml of 0.1M HCl required to
Ester	required to decolorise the 50 ml	decolorise the 50 ml of 50% w/v
Estel	of 50% w/v solution of glycerin	solution of glycerin in water
	in water	
Sugar	To pass IP test	Passes 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. 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