



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>GLYCEROL 98% EXTRAPURE</b>
<b>Cas No.</b>	:	<b>56-81-5</b>
<b>Code No.</b>	:	<b>01291</b>
<b>Batch No.</b>	:	<b>PC09231431</b>
<b>Mfg. Date</b>	:	<b>SEP-2023</b>
<b>Date Of Analysis</b>	:	<b>09/09/2023</b>
<b>Retest Date</b>	:	<b>AUG-2028</b>

TEST	SPECIFICATION	RESULT
Appearance	A clear, colorless or almost colorless, odourless; very hygroscopic, syrupy liquid	A clear, colorless liquid
Assay	98.0 - 101.0%	100.10%
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	1.475
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%	0.00003%
Chloride (Cl)	Max 0.0025%	0.0002%
Sulphate (SO <sub>4</sub> )	Max 0.003%	0.0005%
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%	0.0013%
Water (H <sub>2</sub> O)	Max 2%	0.43%

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](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)