

Certificate of Analysis

Product Name	: PROPYLENE GLYCOL (1,2-PROPANEDIOL) : AR	Product Code	: 90227- 500 ML
Batch Number	: F24C209	CAS Number	: 57-55-6
Mfg. Month & Year	: March, 2024	Exp. Month & Year	: February, 2029

Test	Results	Specification
APPEARANCE	Complies	Clear, colourless hygroscopic viscous liquid.
MISCIBILITY	Complies	Miscible with water, acetone and chloroform. Soluble in ether.
COLOR (APHA)	Complies	≤ 10
GUARANTEED ANALYSIS		
ASSAY	100.00%	NLT 99.5%
WEIGHT PER ML AT 20°C	1.035	1.035 - 1.037 g
REFRACTIVE INDEX AT 20°C	1.432	1.431 - 1.433
DISTILLATION RANGE (95%)	186.5 - 187.5°C	186.0 - 189.0°C
IDENTIFICATION	Complies	Passes Test
MAXIMUM LIMITS OF IMPURITIES		
RESIDUE ON IGNITION	0.0005%	0.005%
ACIDITY(as CH ₃ COOH)	0.0050%	0.02%
WATER(by KF)	0.02%	0.2%
CHLORIDE(Cl)	< 0.007%	0.007%
IRON(Fe)	< 0.0005%	0.0005%
LEAD(Pb)	< 0.0005%	0.0005%
SULPHATE(SO ₄)	< 0.006%	0.006%

REMARKS:

This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.

Dr. Rashmi Ranjan Mohanty
Director-Technical

This document has been produced electronically and is valid without signature.