

CERTIFICATE OF ANALYSIS

ISO 9001-2015 CERTIFIED

Product Name : POLYETHYLENE GLYCOL 400 For Synthesis
Lot No. : L371442106 **Analyzed On** : 15-Jun-2021
Mol. Formula : HO(C₂H₄O)_nH **Mol. Weight** : 380-420
Code No. : 00259 **CAS No.** : 25322-68-3
Mfg. Date : Jun-2021 **Exp. Date** : May-2026
HAZ. / P.G. : **UN No.** :

Sr.	Tests	Specifications	Results
1	Appearance	Clear colorless light yellow viscous liquid	Clear colorless light yellow viscous liquid
2	Solubility	Max 20 APHA (25% in water)	15 APHA
3	Infrared spectrum	Conforms	Conforms
4	Density (d _{20°C/4°C})	1.126 - 1.128	1.126
5	Water (by KF)	Max 1.0%	0.18%
6	pH (5% solution in water)	4.5 - 7.5	7.16
7	Hydroxyl number	267.0 - 295.0 mg KOH/g	278.45 mg KOH/g
8	Viscosity (20°C)	85.0 - 105.0 cS	104.2 cS

CONCLUSION - This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**



Shashikant Gaikward
QC Manager

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LOBA/QC/FM/01

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