



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	POLYETHYLENE GLYCOL 400 FOR SYNTHESIS
Cas No.	25322-68-3
Code No.	B-02048
Batch No.	BC12232232
Mfg.Date	JULY-2024
Date of Analysis	18/07/2024
Retest Date	JUNE-2028

TEST	SPECIFICATION	RESULT
Appearance	Clear colorless light yellow viscous liquid	Clear colorless viscous liquid
Solubility	Max 20 APHA (25% in water)	Complies
Infrared spectrum	Conforms	Conforms
Density (d ₂₀ ^{°C} /4 ^{°C})	1.126 - 1.128	1.127
Water (by KF)	Max 1.0%	0.28%
pH (5% solution in water)	4.5 - 7.5	6.56
Hydroxyl number	267.0 - 295.0 mg KOH/g	288 mg KOH/g
Viscosity (20°C)	85.0 - 105.0 cS	100.2 cS

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on **+91-7404210730** Website- www.biofinechemical.com