

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POLYETHYLENE GLYCOL 400**

<b>CAS No</b>	<b>: 25322-68-3</b>	<b>Product code</b>	<b>: 16918</b>
<b>Mol. Formula</b>	<b>: H(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>OH</b>	<b>Batch No</b>	<b>: MCR-29969</b>
<b>Mol. WT</b>	<b>: mean 380 – 420</b>	<b>Mfd.</b>	<b>: Dec. 2023</b>
<b>Date of analysis</b>	<b>: 19/12/23</b>	<b>Exp.</b>	<b>: Nov. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless viscous liquid.	A clear colourless viscous liquid.
2	<b>Wt. per ml (at 20<sup>0</sup>c)</b>	1.12 - 1.13g	1.12g
3	<b>Average molecular wt</b>	380 - 420	398
4	<b>Viscosity at 20<sup>0</sup>c</b>	About 130 mPa/s	130 mPa/s
5	<b>Hydroxyl value</b>	267-295	282
6	<b>Acidity (as acetic acid)</b>	0.05 % max	<0.05%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

**MOLYCHEM H.Q. :** Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

**Tel. :** +91 22 4066 8111 • **Email:** [info@molychem.net](mailto:info@molychem.net) • **Web:** [www.molychem.net](http://www.molychem.net)

**Reg. Office :** 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

**Works :** Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.