



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POLYETHYLENE GLYCOL 4000**

<b>CAS No</b>	<b>: 25322-68-3</b>	<b>Product code</b>	<b>: 16920</b>
<b>Mol. Formula</b>	<b>: HO(C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>H</b>	<b>Batch No</b>	<b>: MCR-25887</b>
<b>Mol. WT</b>	<b>: 3500-4000</b>	<b>Mfd.</b>	<b>: June 2022</b>
<b>Date of Analysis</b>	<b>: 19/06/22</b>	<b>Exp.</b>	<b>: May 2027</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	White to creamy white, waxy-like solid or flakes.	White waxy solid
2	<b>Hydroxyl number</b>	25 - 32	31.33
3	<b>Melting point</b>	58 - 61°C	60.8°C
4	<b>Mean Mol. mass</b>	3500 - 4000	3800
5	<b>Viscosity (25% aq soln at 25<sup>o</sup>c)</b>	11 - 13 cs	11.82 cs

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

**[Tested By]**

**[QC Incharge]**

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

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

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**