

## CERTIFICATE OF ANALYSIS

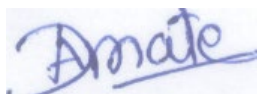
**PRODUCT NAME : POLYETHYLENE GLYCOL 400**

|                  |  |              |             |
|------------------|--|--------------|-------------|
| CAS No           | : 25322-68-3   | Product code | : 16918     |
| Mol. Formula     | : H(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> OH | Batch No     | : MCR-31575 |
| Mol. WT          | : mean 380 – 420                                       | Mfd.         | : July 2024 |
| Date of analysis | : 27/07/24   | Exp.         | : June 2029 |

| 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                          | 384                                |
| 4   | <b>Viscosity at 20<sup>0</sup>c</b>    | About 130 mPa/s                    | 130 mPa/s                          |
| 5   | <b>Hydroxyl value</b>                  | 267-295                            | 290                                |
| 6   | <b>Acidity (as acetic acid)</b>        | 0.05 % max                         | <0.05%                             |

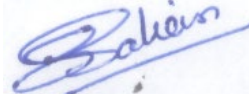
**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Deepa)**

**[QC Incharge]**



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

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