# CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POLYETHYLENE GLYCOL 400**

**CAS No : 25322-68-3**
**Mol. Formula : $H(OCH_2CH_2)nOH$**
**Mol. WT : mean 380 – 420**
**Date of analysis : 30/04/21**

**Product code : 16918**
**Batch No : MCR-23278**
**Mfd. : April 2021**
**Exp. : March 2026**

| S. R | Test | Specification | Observation |
|---|---|---|---|
| 1 | **Description** | A clear colourless viscous liquid. | A clear colourless viscous liquid. |
| 2 | **Wt. per ml (at $20^0$c)** | 1.12 - 1.13g | 1.12g |
| 3 | **Average molecular wt** | 380 - 420 | 396 |
| 4 | **Viscosity at $20^0$c** | About 130 mPa/s | 130 mPa/s |
| 5 | **Hydroxyl value** | 267-295 | 283.60 |
| 6 | **Acidity (as acetic acid)** | 0.05 % max | <0.05% |

**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.

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