

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2026-06-22 09:11:06

Date of Next Testing: 2028-06-21 09:11:06

Product Name: **Poly(ethylene glycol) methyl ether acrylate**

CAS Number: 32171-39-4

Specifications & Purity: average Mn 480 contains 100 ppm BHT as inhibitor, 100 ppm MEHQ as inhibitor

Lot #: F2610017

SKU #: **V32158**

Version: **0**

**Analysis #:** **729761**

Storage Temperature: Store at 2-8°C

| Parameter                                    | Limit Values               | Result                     |
|----------------------------------------------|----------------------------|----------------------------|
| Acetic Acid                                  | 0-0.1 (%)                  | 0.01 %                     |
| Density (25°C)                               | 1.085-1.095                | 1.09                       |
| Saponification value                         | ≥110 (mgKOH/g)             | 110.00 mgKOH/g             |
| Molecular Number by GPC                      | 450-500                    | 482.00                     |
| Proton NMR spectrum                          | Conforms to Structure      | Conforms to Structure      |
| Stabilizer (90-110 ppm MEHQ, 90-110 ppm BHT) | Conforms                   | Conforms                   |
| Appearance(V32158)                           | Colorless to Yellow Liquid | Colorless to Yellow Liquid |

Quality Assurance : Xiaoyong Tan  
Quality Control : Yunfei Zhu

