



Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China
Contact: +86-15668417750 Website: www.unilongmaterial.com

CERTIFICATE OF ANALYSIS

| | | | |
|---------------------------------|--|--|-------------|
| Product Name: | Mono Propylene glycol | Batch No. | JL20221025 |
| CAS | 57-55-6 | MF Date | OCT.25,2022 |
| Packing | 215kg/drum | Analysis Date | OCT.25,2022 |
| Quantity | 5MT | Expiry Date | OCT.24,2023 |
| Item | Standard | Result | |
| Appearance | Colorless, Viscous, Transparent liquid | Colorless, Viscous, Transparent liquid | |
| MPG content(Wt%) | 99.90min | 99.9332 | |
| Water(ppm) | 1000max | 265 | |
| Color, Pt-Co(APHA) | 10 | 5 | |
| Acidity(%) | 0.01max | 0.002 | |
| IBP(DegC) | 183min | 184 | |
| DP(DegC) | 189max | 189 | |
| Iron(ppm) | 0.5max | <0.5 | |
| Sulfate(ppm) | 10max | <10 | |
| Chloride(ppm) | 2max | 2 | |
| Heavy Metals (Pb)(ppm) | 5max | <5 | |
| Residue on Ignition(ppm) | 20max | 20 | |



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|------------------------------------|-------------|-------|
| Specific Gravity(20/20degC) | 1.035-1.040 | 1.038 |
| Refractive Index(nD20) | 1.431-1.435 | 1.433 |
| Conclusion | Qualified | |

Analyst: *Wen Qian*

Quality Assurance Officer: *Zhan Peng*

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