



山东石大胜华化工集团股份有限公司
Shandong Shida Shenghua Chemical Group Co., Ltd.

Certificate of Analysis

Product Name: Propylene Glycol
Batch Number:
Quantity:
Manufacturing Date: SEP.,2020
Expiry Date: SEP.,2021

| Item | Unit | Specification | Result |
|---------------------|------------------------------|--|--|
| PG content | Wt % | 99.80 min | 99.85 |
| Moisture | % | 0.1 max | 0.082 |
| Density (20°C) | g/cm ³ | 1.035-1.038 | 1.036 |
| Index of refraction | n _D ²⁰ | 1.431-1.435 | 1.433 |
| Acidity | % | 0.01 max | 0.003 |
| Distillation range | °C | 184-190 | 186-188 |
| Colourity (Pt-Co) | APHA | 10 | 5 |
| Appearance | | Colorless, Viscous, transparent liquid | Colorless, Viscous, transparent liquid |

Conclusion: The product of this batch can match the specification by analysis.

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