

CERTIFICATE OF ANALYSIS

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|-------------------------|------------------|
| Product Name | Propylene Glycol |
| INCI Name | Propylene Glycol |
| CAS# | 57-55-6 |
| Lot Number | 40369468E0 |
| Manufacture Date | 05/2023 |
| Re-test Date | 05/2025 |

| Analytical Tests | Specification | Result |
|-----------------------------------|----------------------------|----------|
| Appearance | No Visible Contamination | CONFORMS |
| Description | Clear, Slightly Viscous | CONFORMS |
| Water Solubility | Soluble in all proportions | CONFORMS |
| I.D. by Infra-red color | 10 Max. | 6 |
| Specific Gravity (25/25°C) | 1.035-1.037 | 1.0353 |
| Acidity (ml 0.1 N NaOH) | 0.20 ml Max. | 0.1 ml |
| Water, wt% | 0.20% Max. | 0.04% |
| Residue on Ignition | 3.5mg/50 g Max. | 0.2 mg |
| Chloride | 0.05 PPM Max. | <0.4 PPM |
| Heavy Metals | 5 PPM Max. | <5 PPM |
| Sulfate | 0.006% Max. | <0.006% |
| Assay G.C | 99.5% Min. | 99.8% |
| Limit of EG and DEG | 0.1% Max Each | PASS |
| Org. Volatile Impurities | To Pass | PASS |

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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