



CERTIFICATE OF ANALYSIS

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|-------------------------|----------|-----------------------------|
| Product Name | : | DIETHYL ETHER 99% AR |
| Code No. | : | 01000 |
| Batch No. | : | PC01232389 |
| Mfg. Date | : | JAN-2023 |
| Date Of Analysis | : | 16/01/2023 |
| Retest Date | : | DEC-2027 |

| TEST | SPECIFICATION | RESULT |
|--|--|--|
| Appearance | Clear colorless liquid, with characteristic odor | Clear colorless liquid, with characteristic odor |
| Purity (by GC) | Min 99.0% | 99.64% |
| Colour scale | Max 10 APHA | 6 APHA |
| Weight/ mL at 20°C | 0.713 - 0.715 g/ml | 0.714 g/ml |
| Refractive index (20°C; 589 nm) | 1.351 - 1.353 | 1.352 |
| Insoluble matter in water | Nil | Nil |
| Water (H ₂ O) | Max 0.2% | 0.012% |
| Acidity (as CH ₃ COOH) | Max 0.0002% meq/gm | 0.0001% meq/gm |
| Non volatile matter | Max 0.001% | 0.0003% |
| Aldehydes and ketones (as CH ₃ CHO) | Max 0.002% | 0.0004% |
| Ethanol (C ₂ H ₅ OH) | Max 0.05% | 0.02% |
| Peroxide (as H ₂ O ₂) | Max 0.0001% | 0.00007% |
| Odorous Impurities | Passes test | Passes |
| Substance darkened by H ₂ SO ₄ | Passes test | Passes |

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com