

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

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|--------------------------|--------------------------|
| Date of Testing: | 2024-06-24 13:36:56 |
| Date of Next Testing: | 2028-06-23 13:36:56 |
| Product Name: | Ethylacetate |
| CAS Number: | 141-78-6 |
| Specifications & Purity: | Analytical Reagent,99.5% |
| Lot #: | F2417508 |
| SKU # | E116132 |
| Version | 7 |
| Analysis #: | 374939 |
| Storage Temperature: | Room temperature |

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Acidity(as H ⁺) | 0-0.8 (μmol/g) | 0.00000 μmol/g |
| Color test (APHA) | 0-10 | 0.00000 |
| Refractive index n ₂₀ /D | 1.37-1.374 | 1.37230 |
| Ethanol(C ₂ H ₅ OH) | 0-0.1 (%) | 0.00000 % |
| Evaporation Residue | 0-0.0005 (%) | 0.00000 % |
| Assay | 99.5-100 (%) | 99.70900 % |
| Water by Karl Fischer | 0-0.1 (%) | 0.04710 % |
| Methanol(CH ₃ OH) | 0-0.1 (%) | 0.00000 % |
| Methyl acetate(CH ₃ COOCH ₃) | 0-0.1 (%) | 0.00000 % |
| Density (20°C) | 0.899-0.901 (g/ml) | 0.90050 g/ml |
| Appearance (E116132) | Colorless liquid | Colorless liquid |
| Readily carbonizable substance | Pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager