

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-24 16:03:53
 Date of Next Testing: 2026-12-23 16:03:53
 Product Name: **Methylcyclohexane**
 CAS Number: 108-87-2
 Specifications & Purity: for HPLC, $\geq 99\%$
 Lot #: L22151136
 SKU #: **M103331**
Analysis: **159807**
 Storage Temperature: Room temperature, Desiccated

| Parameter | Limit Values | Result |
|------------------------------------|-----------------------|-----------------------|
| UV Absorbance 300nm | 0-0.01 | 0.00 |
| Purity(GC) | 99-100 (%) | 99.97% |
| UV Absorbance 232nm | 0-0.15 | 0.10 |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| UV Absorbance 207nm | 0-1 | 0.89 |
| UV Absorbance 221nm | 0-0.4 | 0.31 |
| Refractive index n _{20/D} | 1.422-1.424 | 1.42 |
| Water by Karl Fischer | 0-0.01 (%) | 0.01% |
| Evaporation Residue | 0-0.0005 (mg/L) | 0.00 mg/L |
| UV Absorbance 260nm | 0-0.05 | 0.01 |
| Density (20°C) | 0.769-0.772 | 0.77 |
| Appearance (M103331) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager