

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-20 11:47:39
Date of Next Testing: 2027-09-19 11:47:39
Product Name: **Methylcyclohexane**
CAS Number: 108-87-2
Specifications & Purity: for HPLC, $\geq 99\%$
Lot #: H2325423
SKU #: **M103331**
Analysis: **256764**
Storage Temperature: Room temperature, Desiccated

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC) | 99-100 (%) | 99.85 % |
| UV Absorbance 232nm | 0-0.15 | 0.11 |
| UV Absorbance 221nm | 0-0.4 | 0.34 |
| Refractive index n ₂₀ /D | 1.422-1.424 | 1.42 |
| Evaporation Residue | 0-0.0005 (mg/L) | 0.00 mg/L |
| UV Absorbance 260nm | 0-0.05 | 0.02 |
| Density (20°C) | 0.769-0.772 | 0.77 |
| UV Absorbance 300nm | 0-0.01 | 0.00 |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| UV Absorbance 207nm | 0-1 | 0.80 |
| Water by Karl Fischer | 0-0.01 (%) | 0.01 % |
| Appearance (M103331) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager