

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-02 15:21:40  
Date of Next Testing: 2028-04-01 15:21:40  
Product Name: **Methylcyclohexane**  
CAS Number: 108-87-2  
Specifications & Purity: for HPLC,  $\geq 99\%$   
Lot #: C2428269  
SKU #: **M103331**  
**Analysis:** **331457**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
UV Absorbance 300nm	0-0.01	0.01
Purity(GC)	99-100 (%)	99.72%
UV Absorbance 232nm	0-0.15	0.13
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 221nm	0-0.4	0.38
Refractive index n <sub>20</sub> /D	1.422-1.424	1.42
Evaporation Residue	0-0.0005 (mg/L)	0.00 mg/L
UV Absorbance 260nm	0-0.05	0.03
Density (20°C)	0.769-0.772	0.77
UV Absorbance 207nm	0-1	1.00
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