

## Certificate of Analysis

Date of Testing: 2023-11-21 16:53:16  
Date of Next Testing: 2027-11-20 16:53:16  
Product Name: **Methylcyclohexane**  
CAS Number: 108-87-2  
Specifications & Purity: for HPLC,  $\geq 99\%$   
Lot #: K2316061  
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 <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	0.02
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