

Certificate of Analysis

Date of Testing: 2022-03-25 15:55:02
Date of Next Testing: 2026-03-24 15:55:02
Product Name: **Methylcyclohexane**
CAS Number: 108-87-2
Specifications & Purity: for HPLC, $\geq 99\%$
Lot #: C2223385
SKU #: **M103331**
Analysis: **075931**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.98 %
Refractive index n ₂₀ /D	1.422-1.424	1.42
Evaporation Residue	0-0.0005 (mg/L)	0.00 mg/L
Density (20°C)	0.769-0.772	0.77
UV Absorbance 300nm	0-0.01	0.01
UV Absorbance 232nm	0-0.15	0.11
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 207nm	0-1	0.97
UV Absorbance 221nm	0-0.4	0.32
Water by Karl Fischer	0-0.01 (%)	0.01 %
UV Absorbance 260nm	0-0.05	0.02
Appearance (M103331)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager