

Certificate of Analysis

Date of Testing: 2024-08-20 14:49:10
Date of Next Testing: 2028-08-19 14:49:10
Product Name: **Cyclohexane**
CAS Number: 110-82-7
Specifications & Purity: Reagent grade, $\geq 99.7\%$
Lot #: H2412076
SKU #: **C100584**
Version: **2**
Analysis #: **393916**
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Crystallization point	≥ 6 (°C)	10.10 °C
Cyclohexene(C ₆ H ₁₀)	0-0.05 (%)	0.00 %
Benzene(C ₆ H ₆)	0-0.03 (%)	0.00 %
Evaporation Residue	0-0.002 (%)	0.00 %
Water by Karl Fischer	0-0.015 (%)	0.01 %
Density (20°C)	0.778-0.779 (g/ml)	0.78 g/ml
Purity(GC)	99.7-100 (%)	99.89 %
Appearance (C100584)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Substances Darkened (by H ₂ SO ₄)	Pass	Pass



John Su
QA & QC Manager