

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-20 10:07:56
 Date of Next Testing: 2027-12-19 10:07:56
 Product Name: **Cyclohexane**
 CAS Number: 110-82-7
 Specifications & Purity: Reagent grade, $\geq 99.7\%$
 Lot #: L2313452
 SKU #: **C100584**
 Version: **2**
 Analysis #: **297433**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.015 (%)	0.00%
Crystallization point	≥ 6 (°C)	6.08 °C
Cyclohexene(C ₆ H ₁₀)	0-0.05 (%)	0.03%
Density (20°C)	0.778-0.779 (g/ml)	0.78 g/ml
Benzene(C ₆ H ₆)	0-0.03 (%)	0.02%
Evaporation Residue	0-0.002 (%)	0.00%
Purity(GC)	99.7-100 (%)	99.89%
Appearance (C100584)	Colorless liquid	Colorless liquid
Substances Darkened (by H ₂ SO ₄)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager