

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-11-15 13:50:22
Date of Next Testing:	2028-11-14 13:50:22
Product Name:	<b>Cyclohexane</b>
CAS Number:	110-82-7
Specifications & Purity:	Reagent grade, ≥99.7%
Lot #:	K2407378
SKU #	<b>C100584</b>
Version	<b>2</b>
Analysis #:	<b>428199</b>
Storage Temperature:	Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.015 (%)	0.01 %
Crystallization point	≥6 (°C)	8.70 °C
Cyclohexene(C <sub>6</sub> H <sub>10</sub> )	0-0.05 (%)	0.00 %
Density (20°C)	0.778-0.779 (g/ml)	0.78 g/ml
Benzene(C <sub>6</sub> H <sub>6</sub> )	0-0.03 (%)	0.00 %
Purity(GC)	99.7-100 (%)	99.81 %
Evaporation Residue	0-0.002 (%)	0.00 %
Appearance (C100584)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> )	Pass	Pass



John Su  
QA & QC Manager