

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-02 14:37:16  
Date of Next Testing: 2028-12-01 14:37:16  
Product Name: **Cyclohexane**  
CAS Number: 110-82-7  
Specifications & Purity: Reagent grade,  $\geq 99.7\%$   
Lot #: K2425182  
SKU #: **C100584**  
Version: **2**  
Analysis #: **428199**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.015 (%)	0.01 %
Crystallization point	$\geq 6$ (°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