

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-03 17:52:12  
Date of Next Testing: 2027-02-02 17:52:12  
Product Name: **Cyclohexane**  
CAS Number: 110-82-7  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: A23301242  
SKU #: **C100584**  
**Analysis:** **172032**  
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)	7.16 °C
Cyclohexene(C <sub>6</sub> H <sub>10</sub> )	0-0.05 (%)	0.03 %
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 (%)	0.01 %
Purity(GC)	99.5-100 (%)	99.97 %
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