

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-12 17:02:55  
Date of Next Testing: 2027-10-11 17:02:55  
Product Name: **Cyclohexane**  
CAS Number: 110-82-7  
Specifications & Purity: for HPLC,  $\geq 99.9\%$   
Lot #: J2309379  
SKU #: **C100585**  
**Analysis:** **280180**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.00 ppb
Density (20°C)	0.777-0.781	0.78
Refractive index n <sub>20</sub> /D	1.425-1.427	1.43
UV Absorbance 300nm	0-0.005	0.00
UV Absorbance 225nm	0-0.17	0.08
Evaporation Residue	0-0.0001 (%)	0.00 %
UV Absorbance 200nm	0-1	0.64
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.98 %
Water by Karl Fischer	0-0.01 (%)	0.01 %
UV Absorbance 250nm	0-0.02	0.00
Appearance (C100585)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager