

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-31 16:40:50
Date of Next Testing: 2027-05-30 16:40:50
Product Name: **Cyclohexane**
CAS Number: 110-82-7
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: E2326329
SKU #: **C100585**
Analysis: **168675**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.42 ppb
Density (20°C)	0.777-0.781	0.78
Refractive index n ₂₀ /D	1.425-1.427	1.43
UV Absorbance 300nm	0-0.005	0.00
UV Absorbance 225nm	0-0.17	0.12
Evaporation Residue	0-0.0001 (%)	0.00 %
UV Absorbance 200nm	0-1	0.95
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.94 %
Water by Karl Fischer	0-0.01 (%)	0.00 %
UV Absorbance 250nm	0-0.02	0.01
Appearance (C100585)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager