

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-11-13 15:40:31
Date of Next Testing:	2027-11-13 15:40:31
Product Name:	Cyclohexane
CAS Number:	110-82-7
Specifications & Purity:	PureSpectra™, UV/VIS spectroscopy Grade
Lot #:	K2407291
SKU #	C431457
Version	1
Analysis #:	420349
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.99%
Evaporation Residue	0-0.0002 (%)	0.00%
Acidity	0-0.0002 (eq/kg)	0.00000 eq/kg
Alkalinity Content	0-0.0002(eq/kg)	0.00000 eq/kg
Fluorescence (as quinine at 254nm)	0-1 (ppb)	0.73460 ppb
Fluorescence (as quinine at 365nm)	0-1 (ppb)	0.29830 ppb
Transmission (at 230 nm)	≥ 80 (%)	82.10000 %
Transmission (at 240 nm)	≥ 90 (%)	92.80000 %
Absorbance (at 230 nm)	≤ 0.10	0.09900
UV Absorbance 240nm	0-0.05	0.04
Water by Karl Fischer	0-0.005 (%)	0.00%
Transmission (at 208nm)	≥ 20 (%)	24.20000 %
Transmission (at 220 nm)	≥ 55 (%)	62.60000 %
Transmission (from 250 nm)	98-100 (%)	99.00000 %
Absorbance (at 220 nm)	≤ 0.26	0.20300
Absorbance (from 250 nm)	≤ 0.01	0.00000
Absorbance (at 208 nm)	≤ 0.70	0.60700
Appearance(C431457)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager