

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-01-30 16:43:42
Date of Next Testing:	2027-01-29 16:43:42
Product Name:	<b>n-Hexane</b>
CAS Number:	110-54-3
Specifications & Purity:	UV/VIS spectroscopy Grade
Lot #:	A2426046
SKU #	<b>N431441</b>
<b>Analysis:</b>	<b>319174</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.27 %
Evaporation Residue	0-2 (ppm)	0.30 ppm
Water by Karl Fischer	0-0.005 (%)	0.00 %
Acidity	0-0.0002 (eq/kg)	0.00010 eq/kg
Alkalinity Content	0-0.0002(eq/kg)	0.00001 eq/kg
Fluorescence (as quinine at 254nm)	0-1 (ppb)	0.03100 ppb
Fluorescence (as quinine at 365nm)	0-1 (ppb)	0.21000 ppb
Transmission 210 nm	≥60 (%)	75.80 %
Transmission 195nm	≥10 (%)	20.00000 %
Transmission (at 217 nm)	≥80 (%)	82.00000 %
Transmission (at 225 nm)	≥90 (%)	100.00000 %
Transmission (from 245 nm)	≥98 (%)	98.90000 %
UV Absorbance 195nm	≤1	0.90
UV Absorbance 210nm	≤0.22	0.01
Absorbance (at 217 nm)	≤0.1	0.00300
UV Absorbance 225nm	≤0.05	0.00
Absorbance (from 245 nm)	≤0.01	0.00100
Appearance(N431441)	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".

John Su  
QA & QC Manager