

Certificate of Analysis

Date of Testing: 2023-10-10 17:14:57
 Date of Next Testing: 2026-10-09 17:14:57
 Product Name: **n-Hexane**
 CAS Number: 110-54-3
 Specifications & Purity: UV/VIS spectroscopy Grade
 Lot #: I2320763
 SKU #: **N431441**
Analysis: **270450**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.61%
Evaporation Residue	0-2 (ppm)	0.00 ppm
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)	0.00000 ppb
Fluorescence (as quinine at 365nm)	0-1 (ppb)	0.12660 ppb
Transmission 195nm	≥10 (%)	45.70000 %
Transmission (at 217 nm)	≥80 (%)	84.30000 %
Transmission (at 225 nm)	≥90 (%)	95.30000 %
Transmission (from 245 nm)	≥98 (%)	100.00000 %
UV Absorbance 195nm	≤1	0.37
UV Absorbance 210nm	≤0.22	0.15
Absorbance (at 217 nm)	≤0.1	0.05400
UV Absorbance 225nm	≤0.05	0.02
Absorbance (from 245 nm)	≤0.01	0.00000
Water by Karl Fischer	0-0.005 (%)	0.00 %
Transmission 210 nm	≥60 (%)	69.20 %
Appearance(N431441)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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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