

Certificate of Analysis

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|--------------------------|---------------------------|
| Date of Testing: | 2023-10-10 15:56:35 |
| Date of Next Testing: | 2026-10-09 15:56:35 |
| Product Name: | n-Hexane |
| CAS Number: | 110-54-3 |
| Specifications & Purity: | UV/VIS spectroscopy Grade |
| Lot #: | I2320762 |
| 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