

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-16 23:05:02  
Date of Next Testing: 2027-12-06 23:05:02  
Product Name: **n-Hexane**  
CAS Number: 110-54-3  
Specifications & Purity: HPLC grade, ≥98%(GC)  
Lot #: K2514650  
SKU #: **H100107**  
Version: **4**  
Analysis #: **623295**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)	0.00000 %
Purity(GC)	98-100 (%)	99.25300 %
Water by Karl Fischer	0-0.01 (%)	0.00440 %
Evaporation Residue	0-0.001 (mg/L)	0.00000 mg/L
Refractive index n <sub>20</sub> /D	1.374-1.376	1.37500
Transmission 220 nm	80-100 (%)	94.20000 %
Transmission 200 nm	≥25 (%)	43.50000 %
Transmission 210 nm	≥50 (%)	77.90000 %
Transmission 245-350nm	98-100 (%)	100.00000 %
UV Absorbance 210nm	<0.3	0.10900
UV Absorbance 260nm	<0.01	0.00000
UV Absorbance 400nm	<0.01	0.00000
λ, H <sub>2</sub> O reference	Pass	Pass
Appearance (H100107)	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