

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-16 15:22:33  
Date of Next Testing: 2028-04-05 15:22:33  
Product Name: **n-Hexane**  
CAS Number: 110-54-3  
Specifications & Purity: HPLC grade, ≥98%(GC)  
Lot #: E2615087  
SKU #: **H100107**  
Version: **4**  
Analysis #: **691328**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.01 (%)	0.00480 %
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)	0.00000 %
Purity(GC)	98-100 (%)	98.78600 %
Evaporation Residue	0-0.001 (mg/L)	0.00000 mg/L
Refractive index n <sub>20</sub> /D	1.374-1.376	1.37500
UV Absorbance 210nm	<0.3	0.19540
UV Absorbance 260nm	<0.01	0.00050
UV Absorbance 400nm	<0.01	0.00000
Transmission 220 nm	80-100 (%)	85.42200 %
Transmission 200 nm	≥25 (%)	25.86200 %
Transmission 210 nm	≥50 (%)	62.43900 %
Transmission 245-350nm	98-100 (%)	98.53100 %
λ, H <sub>2</sub> O reference	Pass	Pass
Appearance (H100107)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager