

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-25 15:34:53  
Date of Next Testing: 2026-07-15 15:34:53  
Product Name: **n-Hexane**  
CAS Number: 110-54-3  
Specifications & Purity: for HPLC,  $\geq 98.0\%$ (GC)  
Lot #: G2416300  
SKU #: **H100107**  
Version: **1**  
Analysis #: **384427**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.01 (%)	0.01 %
Evaporation Residue	0-1 (mg/L)	0.32 mg/L
Purity(GC)	98-100 (%)	99.67 %
Transmission 220 nm	80-100 (%)	88.30000 %
Transmission 200 nm	$\geq 25$ (%)	38.83 %
Transmission 210 nm	$\geq 50$ (%)	71.23 %
Transmission 245-350nm	98-100 (%)	98.52000 %
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)	0.00 %
Non-volatile matter	0-0.0005 (%)	0.00 %
Density (20°C)	0.659-0.663	0.66
Refractive index n <sub>20</sub> /D	1.374-1.376	1.37
Appearance (H100107)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
$\lambda$ , H <sub>2</sub> O reference	Pass	Pass



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

John Su  
QA & QC Manager