

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-04 16:32:10  
Date of Next Testing: 2027-08-25 16:32:10  
Product Name: **n-Hexane**  
CAS Number: 110-54-3  
Specifications & Purity: HPLC grade,  $\geq 98\%$ (GC)  
Lot #: H2513144  
SKU #: **H100107**  
Version: **4**  
Analysis #: **566288**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)	0.00000 %
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 (%)	92.90000 %
Transmission 200 nm	$\geq 25$ (%)	49.20000 %
Transmission 210 nm	$\geq 50$ (%)	79.50000 %
Transmission 245-350nm	98-100 (%)	99.70000 %
Purity(GC)	98-100 (%)	99.64100 %
Appearance (H100107)	Colorless Liquid	Colorless liquid
$\lambda$ , H <sub>2</sub> O reference	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager