

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-01-11 16:14:47
Date of Next Testing:	2025-12-31 16:14:47
Product Name:	<b>n-Hexane</b>
CAS Number:	110-54-3
Specifications & Purity:	for HPLC, $\geq 98.0\%$ (GC)
Lot #:	L2318544
SKU #	<b>H100107</b>
<b>Analysis:</b>	<b>312075</b>
Storage Temperature:	Room temperature, Desiccated

Parameter	Limit Values	Result
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)	0.00 %
Evaporation Residue	0-1 (mg/L)	0.30 mg/L
Density (20°C)	0.659-0.663	0.66
Non-volatile matter	0-0.0005 (%)	0.00 %
Water by Karl Fischer	0-0.01 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.374-1.376	1.38
Transmission 220 nm	80-100 (%)	92.60000 %
Transmission 200 nm	$\geq 25$ (%)	51.40 %
Transmission 210 nm	$\geq 50$ (%)	79.70 %
Transmission 245-350nm	98-100 (%)	98.80000 %
Purity(GC)	98-100 (%)	99.35 %
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