

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-09-05 12:36:45
Date of Next Testing:	2025-08-25 12:36:45
Product Name:	n-Hexane
CAS Number:	110-54-3
Specifications & Purity:	for HPLC, $\geq 98.0\%$ (GC)
Lot #:	H2315023
SKU #	H100107
Analysis:	270111
Storage Temperature:	Room temperature, Desiccated

Parameter	Limit Values	Result
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
Evaporation Residue	0-0.001 (mg/L)	0.00 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 (%)	0.01 %
Refractive index n ₂₀ /D	1.374-1.376	1.38
Transmission 220 nm	80-100 (%)	87.90000 %
Transmission 245-350nm	98-100 (%)	99.20000 %
Transmission 210 nm	≥ 50 (%)	68.80 %
Transmission 200 nm	≥ 25 (%)	35.20 %
Purity(GC)	98-100 (%)	99.11 %
Appearance (H100107)	Colorless Liquid	Colorless liquid
λ , H ₂ O reference	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager