

Certificate of Analysis

Date of Testing:	2024-06-24 10:25:19
Date of Next Testing:	2026-06-14 10:25:19
Product Name:	n-Hexane
CAS Number:	110-54-3
Specifications & Purity:	for HPLC, $\geq 98.0\%$ (GC)
Lot #:	F2419464
SKU #	H100107
Version	1
Analysis #:	363967
Storage Temperature:	Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.01 (%)	0.01 %
Evaporation Residue	0-1 (mg/L)	0.50 mg/L
Purity(GC)	98-100 (%)	99.75 %
Transmission 220 nm	80-100 (%)	88.26000 %
Transmission 200 nm	≥ 25 (%)	36.10 %
Transmission 210 nm	≥ 50 (%)	69.08 %
Transmission 245-350nm	98-100 (%)	98.51000 %
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
Density (20°C)	0.659-0.663	0.66
Non-volatile matter	0-0.0005 (%)	0.00 %
Refractive index n ₂₀ /D	1.374-1.376	1.37
Appearance (H100107)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ , H ₂ O reference	Pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager