

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-03-20 15:33:51
Date of Next Testing:	2024-03-09 15:33:51
Product Name:	n-Hexane
CAS Number:	110-54-3
Specifications & Purity:	for HPLC, $\geq 98.0\%$ (GC)
Lot #:	C2219269
SKU #	H100107
Analysis:	080474
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 %
Purity(GC)	98-100 (%)	99.52 %
Refractive index n ₂₀ /D	1.374-1.376	1.38
Transmission 220 nm	80-100 (%)	89.40000 %
Transmission 200 nm	≥ 25 (%)	38.90 %
Transmission 210 nm	≥ 50 (%)	72.30 %
Water by Karl Fischer	0-0.01 (%)	0.01 %
Transmission 245-350nm	98-100 (%)	98.01000 %
Appearance (H100107)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ , H ₂ O reference	Pass	Pass



John Su
QA & QC Manager