

Certificate of Analysis

Date of Testing: 2024-08-16 11:47:42
Date of Next Testing: 2026-08-06 11:47:42
Product Name: **n-Hexane**
CAS Number: 110-54-3
Specifications & Purity: for HPLC, $\geq 98.0\%$ (GC)
Lot #: H2414120
SKU #: **H100107**
Version: **1**
Analysis #: **384427**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.01 (%)	0.01 %
Evaporation Residue	0-1 (mg/L)	0.32 mg/L
Purity(GC)	98-100 (%)	99.67 %
Transmission 220 nm	80-100 (%)	88.30000 %
Transmission 200 nm	≥ 25 (%)	38.83 %
Transmission 210 nm	≥ 50 (%)	71.23 %
Transmission 245-350nm	98-100 (%)	98.52000 %
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
Non-volatile matter	0-0.0005 (%)	0.00 %
Density (20°C)	0.659-0.663	0.66
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

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager