

Certificate of Analysis

Date of Testing: 2024-07-19 13:03:26
Date of Next Testing: 2026-07-09 13:03:26
Product Name: **n-Hexane**
CAS Number: 110-54-3
Specifications & Purity: for HPLC, $\geq 98.0\%$ (GC)
Lot #: F2406481
SKU #: **H100107**
Version: **1**
Analysis #: **390671**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-0.01 (%)	0.01 %
Evaporation Residue	0-1 (mg/L)	0.26 mg/L
Density (20°C)	0.659-0.663	0.66
Non-volatile matter	0-0.0005 (%)	0.00 %
Purity(GC)	98-100 (%)	99.58 %
Refractive index n ₂₀ /D	1.374-1.376	1.38
Transmission 220 nm	80-100 (%)	95.10000 %
Transmission 200 nm	≥ 25 (%)	44.70 %
Transmission 210 nm	≥ 50 (%)	79.30 %
Transmission 245-350nm	98-100 (%)	100.00000 %
Appearance (H100107)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ , H ₂ O reference	Pass	Pass



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

John Su
QA & QC Manager