

Certificate of Analysis

Date of Testing: 2025-06-16 15:15:59

Date of Next Testing: 2027-06-06 15:15:59

Product Name: **n-Hexane**

CAS Number: 110-54-3

Specifications & Purity: Chromatographic grade, ≥98%(GC)

Lot #: E2515680

SKU #: **H100107**

Version: **3**

Analysis #: **527205**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.93 %
Evaporation Residue	0-0.001 (mg/L)	0.00 mg/L
Refractive index n ₂₀ /D	1.374-1.376	1.38
Transmission 220 nm	80-100 (%)	94.60000 %
Transmission 200 nm	≥25 (%)	58.80 %
Transmission 210 nm	≥50 (%)	84.30 %
Transmission 245-350nm	98-100 (%)	99.80000 %
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-0.01 (%)	0.01 %
Appearance (H100107)	Colorless Liquid	Colorless liquid
λ, H ₂ O reference	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager