

Certificate of Analysis

Date of Testing: 2023-12-25 17:18:09
Date of Next Testing: 2025-12-14 17:18:09
Product Name: **n-Hexane**
CAS Number: 110-54-3
Specifications & Purity: for HPLC, $\geq 98.0\%$ (GC)
Lot #: L2321050
SKU #: **H100107**
Analysis: **301118**
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 (%)	0.00 %
Evaporation Residue	0-1 (mg/L)	0.30 mg/L
Density (20°C)	0.659-0.663	0.66
Non-volatile matter	0-0.0005 (%)	0.00 %
Purity(GC)	98-100 (%)	99.70 %
Transmission 220 nm	80-100 (%)	86.93000 %
Transmission 200 nm	≥ 25 (%)	31.97 %
Transmission 210 nm	≥ 50 (%)	65.92 %
Transmission 245-350nm	98-100 (%)	98.31000 %
Refractive index n ₂₀ /D	1.374-1.376	1.37
Appearance (H100107)	Colorless Liquid	Colorless liquid
λ , H ₂ O reference	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager