

Certificate of Analysis

Date of Testing: 2023-11-22 14:51:09
Date of Next Testing: 2025-11-11 14:51:09
Product Name: **n-Hexane**
CAS Number: 110-54-3
Specifications & Purity: for HPLC, $\geq 98.0\%$ (GC)
Lot #: K2320204
SKU #: **H100107**
Analysis: **285058**
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 % |
| Density (20°C) | 0.659-0.663 | 0.66 |
| Non-volatile matter | 0-0.0005 (%) | 0.00 % |
| Purity(GC) | 98-100 (%) | 99.82 % |
| Transmission 220 nm | 80-100 (%) | 87.00000 % |
| Transmission 200 nm | ≥ 25 (%) | 32.87 % |
| Transmission 210 nm | ≥ 50 (%) | 66.65 % |
| Transmission 245-350nm | 98-100 (%) | 98.43000 % |
| Evaporation Residue | 0-1 (mg/L) | 0.60 mg/L |
| Refractive index n ₂₀ /D | 1.374-1.376 | 1.38 |
| 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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