

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-21 14:37:20
 Date of Next Testing: 2024-06-10 14:37:20
 Product Name: **n-Hexane**
 CAS Number: 110-54-3
 Specifications & Purity: for HPLC, $\geq 98.0\%$ (GC)
 Lot #: F2217308
 SKU #: **H100107**
Analysis: **097249**
 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 | 0-0.001 (mg/L) | 0.00 mg/L |
| Density (20°C) | 0.659-0.663 | 0.66 |
| Non-volatile matter | 0-0.0005 (%) | 0.00 % |
| Purity(GC) | 98-100 (%) | 99.35 % |
| Refractive index n ₂₀ /D | 1.374-1.376 | 1.37 |
| Transmission 220 nm | 80-100 (%) | 88.40000 % |
| Transmission 200 nm | ≥ 25 (%) | 33.90 % |
| Transmission 210 nm | ≥ 50 (%) | 68.90 % |
| Transmission 245-350nm | 98-100 (%) | 98.01000 % |
| Appearance (H100107) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| λ , H ₂ O reference | Pass | Pass |



John Su
QA & QC Manager