

## Certificate of Analysis

Date of Testing: 2025-06-18 08:53:28

Date of Next Testing: 2027-06-08 08:53:28

Product Name: **n-Hexane**

CAS Number: 110-54-3

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

Lot #: E2515684

SKU #: **H100107**

Version: **3**

Analysis #: **527437**

Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 98-100 (%)            | 99.81 %               |
| free acid (as CH <sub>3</sub> COOH) | 0-0.001 (%)           | 0.00 %                |
| Evaporation Residue                 | 0-0.001 (mg/L)        | 0.00 mg/L             |
| Refractive index n <sub>20</sub> /D | 1.374-1.376           | 1.38                  |
| Transmission 220 nm                 | 80-100 (%)            | 93.90000 %            |
| Transmission 200 nm                 | ≥25 (%)               | 57.80 %               |
| Transmission 210 nm                 | ≥50 (%)               | 83.30 %               |
| Transmission 245-350nm              | 98-100 (%)            | 99.40000 %            |
| Water by Karl Fischer               | 0-0.01 (%)            | 0.01 %                |
| Appearance (H100107)                | Colorless Liquid      | Colorless liquid      |
| λ, H <sub>2</sub> O reference       | Pass                  | Pass                  |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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