

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2026-06-24 17:33:56

Date of Next Testing: 2030-06-23 17:33:56

Product Name: **1-Hexanol**

CAS Number: 111-27-3

Specifications & Purity: 98%

Lot #: F2608071

SKU #: **S59006**

Version: **0**

Analysis #: **730932**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.417-1.419           | 1.42                  |
| Ester Value                         | 0-0.5 (mgKOH/g)       | 0.21 mgKOH/g          |
| Density (20°C)                      | 0.82-0.822            | 0.82                  |
| Acid Value                          | 0-0.02 (mg/g)         | 0.01 mg/g             |
| Iodine value                        | 0-0.1                 | 0.06                  |
| Purity(GC)                          | 98-100 (%)            | 99.43%                |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.06%                 |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| Appearance(S59006)                  | Colorless Liquid      | Colorless liquid      |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunlei Zhu

