

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-01 14:14:53

Date of Next Testing: 2029-11-30 14:14:53

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: AR, ≥99%

Lot #: K2525276

SKU #: **O103325**

Version: **1**

**Analysis #:** **609508**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Hydroxy Value                       | 418-431 (mg/g)        | 428.30000 mg/g        |
| Density (20°C)                      | 0.824-0.826 (g/ml)    | 0.82520 g/ml          |
| Purity(GC)                          | 99-100 (%)            | 99.67500 %            |
| Refractive index n <sub>20</sub> /D | 1.428-1.43            | 1.42950               |
| Acid Value                          | 0-0.1 (mg/g)          | 0.02350 mg/g          |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.02520 %             |
| Boiling range, 194.0~197.0°C        | Conforms              | Conforms              |
| Appearance(O103325)                 | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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QA & QC Manager