

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-20 16:57:37  
 Date of Next Testing: 2029-11-19 16:57:37  
 Product Name: **n-Octanol**  
 CAS Number: 111-87-5  
 Specifications & Purity: Moligand™, HPLC grade, ≥99.5%  
 Lot #: K2518573  
 SKU #: **O119018**  
 Version: **0**  
 Analysis #: **611319**  
 Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Absorbance (at 250 nm)              | 0-0.05                | 0.03550               |
| UV Absorbance 400nm                 | 0-0.01                | 0.00000               |
| UV Absorbance 215nm                 | 0-1                   | 0.52690               |
| Refractive index n <sub>20</sub> /D | 1.428-1.431           | 1.42950               |
| UV Absorbance 300nm                 | 0-0.01                | 0.00550               |
| Residue on Evaporation              | 0-0.004 (%)           | 0.00400 %             |
| UV Absorbance 225nm                 | 0-0.5                 | 0.26590               |
| Water by Karl Fischer               | 0-0.01 (%)            | 0.00320 %             |
| Density (20°C)                      | 0.824-0.829           | 0.82610               |
| Purity(GC)                          | 99.5-100 (%)          | 99.52000 %            |
| UV Absorbance 235nm                 | 0-0.2                 | 0.12050               |
| Appearance (O119018)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager