

## Certificate of Analysis

Date of Testing: 2025-07-10 18:55:06

Date of Next Testing: 2029-07-09 18:55:06

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: AR, ≥99%

Lot #: F2528108

SKU #: **O103325**

Version: **1**

Analysis #: **358623**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Hydroxy Value                       | 418-431 (mg/g)        | 423.65 mg/g           |
| Density (20°C)                      | 0.824-0.826 (g/ml)    | 0.82 g/ml             |
| Purity(GC)                          | 99-100 (%)            | 99.25 %               |
| Refractive index n <sub>20</sub> /D | 1.428-1.43            | 1.43                  |
| Acid Value                          | 0-0.1 (mg/g)          | 0.04 mg/g             |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.02 %                |
| Boiling range, 194.0~197.0°C        | Conforms              | Conforms              |
| Appearance(O103325)                 | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager