

## Certificate of Analysis

Date of Testing: 2023-02-11 16:43:54

Date of Next Testing: 2027-02-10 16:43:54

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity:  $\geq 99.5\%$

Lot #: B2307383

SKU #: **O119018**

**Analysis: 186271**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| UV Absorbance 250nm                 | 0-0.05                | 0.03                  |
| UV Absorbance 400nm                 | 0-0.01                | 0.00                  |
| UV Absorbance 215nm                 | 0-1                   | 0.46                  |
| Refractive index n <sub>20</sub> /D | 1.428-1.431           | 1.43                  |
| UV Absorbance 300nm                 | 0-0.01                | 0.01                  |
| Residue on Evaporation              | 0-0.004 (%)           | 0.00 %                |
| UV Absorbance 225nm                 | 0-0.5                 | 0.22                  |
| Water by Karl Fischer               | 0-0.01 (%)            | 0.01 %                |
| Density (20°C)                      | 0.824-0.829           | 0.83                  |
| Purity(GC)                          | 99.5-100 (%)          | 99.58 %               |
| UV Absorbance 235nm                 | 0-0.2                 | 0.09                  |
| Appearance (O119018)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager