

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-06 09:28:55

Date of Next Testing: 2029-11-05 09:28:55

Product Name: **1-Decanethiol**

CAS Number: 143-10-2

Specifications & Purity:  $\geq 96\%$

Lot #: J2530021

SKU #: **D102323**

Version: **0**

Analysis #: **069901**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 96-100 (%)                       | 98.79900 %                       |
| Density (20°C)                      | 0.844-0.849                      | 0.84600                          |
| Purity(Neutralization titration)    | 95.5-104.5 (%)                   | 101.50000 %                      |
| Refractive index n <sub>20</sub> /D | 1.454-1.46                       | 1.45710                          |
| Appearance (D102323)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager