

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-22 18:04:49

Date of Next Testing: 2024-09-11 18:04:49

Product Name: **2,5-Dibromo-3-dodecylthiophene**

CAS Number: 148256-63-7

Specifications & Purity:  $\geq 97\%$

Lot #: I2215169

SKU # **D101021**

Version **1**

**Analysis #:** **108064**

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

| Parameter                          | Limit Values               | Result                     |
|------------------------------------|----------------------------|----------------------------|
| Density (20°C)                     | 1.316-1.32                 | 1.31800                    |
| Purity(GC)                         | 97-100 (%)                 | 98.68100 %                 |
| Refractive index n <sub>20/D</sub> | 1.528-1.532                | 1.53010                    |
| Appearance (D101021)               | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                  | Conforms to Structure      | Conforms to Structure      |
| Proton NMR spectrum                | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager