

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-17 13:27:07  
 Date of Next Testing: 2029-04-16 13:27:07  
 Product Name: **3,6-Dithia-1,8-octanediol**  
 CAS Number: 5244-34-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: D2507450  
 SKU #: **D108026**  
 Version: **0**  
 Analysis #: **475786**  
 Storage Temperature: Room temperature

| Parameter                    | Limit Values                          | Result                                |
|------------------------------|---------------------------------------|---------------------------------------|
| Carbon by Elemental Analysis | 38.1-40.9 (%)                         | 39.44000 %                            |
| Purity(GC)                   | 97-100 (%)                            | 98.03000 %                            |
| Sulfur by Elemental Analysis | 33.9-36.4 (%)                         | 33.95500 %                            |
| Melting point                | 64-68 (°C)                            | 67.52000 °C                           |
| Appearance (D108026)         | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in MeOH           | almost transparency                   | almost transparency                   |
| Infrared spectrum            | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager