

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 14:48:51  
 Date of Next Testing: 2027-05-09 14:48:51  
 Product Name: **2,4-Dichlorobenzenethiol**  
 CAS Number: 1122-41-4  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: A2010142  
 SKU #: **D101769**  
 Version: **0**  
 Analysis #: **512077**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values               | Result                     |
|------------------------------------|----------------------------|----------------------------|
| Density (20°C)                     | 1.416-1.422                | 1.41780                    |
| Purity(GC)                         | 97-100 (%)                 | 97.11800 %                 |
| Refractive index n <sub>20/D</sub> | 1.618-1.622                | 1.61860                    |
| Purity(Titration)                  | 96.5-103.5 (%)             | 97.59600 %                 |
| Appearance (D101769)               | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager