

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-12 11:11:20  
 Date of Next Testing: 2029-04-11 11:11:20  
 Product Name: **Copper(I) thiophene-2-carboxylate (CuTC)**  
 CAS Number: 68986-76-5  
 Specifications & Purity:  
 Lot #: D2510322  
 SKU #: **C115572**  
 Version: **0**  
 Analysis #: **478047**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                    | Limit Values                     | Result                           |
|------------------------------|----------------------------------|----------------------------------|
| Carbon by Elemental Analysis | 26-37 (%)                        | 27.93 %                          |
| Complexometric EDTA (Cu)     | 27.7-39.5 (%)                    | 38.64 %                          |
| Sulfur by Elemental Analysis | 13.9-19.7 (%)                    | 14.68 %                          |
| Appearance (C115572)         | Red to Brown to Red-Brown Powder | Red to Brown to Red-Brown Powder |
| Proton NMR spectrum          | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager