

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-24 15:26:15  
 Date of Next Testing: 2026-01-23 15:26:15  
 Product Name: **2,2'-Dithiobis(benzothiazole)**  
 CAS Number: 120-78-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C1822026  
 SKU #: **D110137**  
 Version: **0**  
 Analysis #: **069719**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                       | Result                             |
|--------------------------------|------------------------------------|------------------------------------|
| Nitrogen by Elemental Analysis | 7.8-8.9 (%)                        | 8.39000 %                          |
| Carbon by Elemental Analysis   | 49-51 (%)                          | 50.90000 %                         |
| Melting point                  | 176-180 (°C)                       | 179.19000 °C                       |
| Purity(HPLC)                   | 98-100 (%)                         | 98.15200 %                         |
| Appearance (D110137)           | White to yellow powder or crystals | White to yellow powder or crystals |
| Infrared spectrum              | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager