

## Certificate of Analysis

Date of Testing: 2022-05-13 17:35:42  
Date of Next Testing: 2026-05-12 17:35:42  
Product Name: **Benzo[1,2-b:4,5-b']dithiophene-4,8-dione**  
CAS Number: 32281-36-0  
Specifications & Purity: 98%  
Lot #: E2210031  
SKU #: **B119991**  
Version: **1**  
Analysis #: **074520**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.6-56.4 (%)	53.60%
Sulfur by Elemental Analysis	28.1-30.1 (%)	28.10%
Purity(HPLC)	98-100%	98.01000%
Appearance (B119991)	White to Amber to Dark green Powder or Crystals or Chunks	White to Amber to Dark green Powder or Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager