

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-19 11:28:21
Date of Next Testing: 2026-02-08 11:28:21
Product Name: **2,5-Dibromo-3,4-dinitrothiophene**
CAS Number: 52431-30-8
Specifications & Purity: 98%
Lot #: J1428030
SKU #: **D100783**
Analysis: **320697**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7.8-8.9 (%)	7.90%
Sulfur by Elemental Analysis	8.9-10.1 (%)	9.20%
Carbon by Elemental Analysis	13.7-15 (%)	14.20%
Purity(HPLC)	98-100 (%)	99.20000%
Melting point	135-139 (°C)	136.50000 °C
Appearance (D100783)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH , very faint turbidity	pass	Pass



John Su
QA & QC Manager