

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-02 15:51:51
 Date of Next Testing: 2028-01-23 15:51:51
 Product Name: **2,5-Dibromo-3,4-dinitrothiophene**
 CAS Number: 52431-30-8
 Specifications & Purity: $\geq 98\%$
 Lot #: A2630138
 SKU #: **D100783**
 Version: **0**
 Analysis #: **658521**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7.8-8.9 (%)	8.09800 %
Sulfur by Elemental Analysis	8.9-10.1 (%)	8.90400 %
Carbon by Elemental Analysis	13.7-15 (%)	14.52800 %
Purity(HPLC)	98-100 (%)	99.84400 %
Melting point	135-139 (°C)	138.49800 °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