

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-22 13:36:49

Date of Next Testing: 2028-11-21 13:36:49

Product Name: **Ethylene trithiocarbonate**

CAS Number: 822-38-8

Specifications & Purity: $\geq 97\%$

Lot #: K2420635

SKU #: **E124195**

Version: **0**

Analysis #: **439715**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.02300 %
Sulfur by Elemental Analysis	68.1-73.1 (%)	70.96400 %
Carbon by Elemental Analysis	25.5-27.4 (%)	26.84500 %
Appearance (E124195)	Light yellow to Yellow to dark yellow to Orange powder or Crystals or Solid or Chunks to lump to clear liquid	Light yellow to Yellow to dark yellow to Orange powder or Crystals or Solid or Chunks to lump to clear liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager