

Certificate of Analysis

Date of Testing: 2023-07-29 17:10:19

Date of Next Testing: 2027-07-28 17:10:19

Product Name: **2-Amino-5-mercapto-1,3,4-thiadiazole**

CAS Number: 2349-67-9

Specifications & Purity: >98.0%(HPLC)

Lot #: G2319040

SKU #: **A130041**

Analysis: **059699**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.15540 %
Carbon by Elemental Analysis	17.6-18.5 (%)	18.16 %
Sulfur by Elemental Analysis	46.9-49.3 (%)	48.68 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.74 %
Nitrogen by Elemental Analysis	30.8-32.3 (%)	32.29 %
Appearance (A130041)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NaOH	almost transparency	almost transparency



John Su
QA & QC Manager