

Certificate of Analysis

Date of Testing: 2024-04-07 11:03:44

Date of Next Testing: 2028-04-06 11:03:44

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

CAS Number: 2349-67-9

Specifications & Purity: >98.0%(HPLC)

Lot #: C2429127

SKU #: **A130041**

Analysis: **327874**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	30.8-32.3 (%)	31.71 %
Purity(HPLC)	98-100 (%)	98.52200 %
Carbon by Elemental Analysis	17.6-18.5 (%)	18.14 %
Sulfur by Elemental Analysis	46.9-49.3 (%)	47.38 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.86 %
Appearance (A130041)	White to yellow powder or crystals	White to yellow powder or crystals
Solubility in 1M NaOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager