

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-08-29 17:26:36
Date of Next Testing: 2029-08-28 17:26:36
Product Name: **2-Amino-5-mercapto-1,3,4-thiadiazole**
CAS Number: 2349-67-9
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: H2522167
SKU #: **A130041**
Version: **0**
Analysis #: **536447**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	30.8-32.3 (%)	31.65400 %
Purity(HPLC)	98-100 (%)	99.92200 %
Carbon by Elemental Analysis	17.6-18.5 (%)	18.13200 %
Sulfur by Elemental Analysis	46.9-49.3 (%)	47.35400 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.99000 %
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

