

PRODUCT IDENTITY

PRODUCT NAME	2-Amino-5-mercapto-1,3,4-thiadiazole	PRODUCT NUMBER	A130041
Grades & Purity	≥98%(HPLC)	VERSION	3
CAS NUMBER	2349-67-9	FORMULA	C ₂ H ₃ N ₃ S ₂
FORMULA WEIGHT	133.2g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Nitrogen by Elemental Analysis	30.8-32.3 (%)
Purity(HPLC)	98-100 (%)
Carbon by Elemental Analysis	17.6-18.5 (%)
Sulfur by Elemental Analysis	46.9-49.3 (%)
Purity(Neutralization titration)	97.5-102.5 (%)
Appearance (A130041)	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure
Solubility in 1M NaOH	almost transparency