

## Certificate of Analysis

Date of Testing: 2024-01-30 10:00:19  
Date of Next Testing: 2028-01-29 10:00:19  
Product Name: **2-Aminothiazole**  
CAS Number: 96-50-4  
Specifications & Purity: 97%  
Lot #: D2013124  
SKU #: **A104872**  
**Analysis:** **318602**  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	96.5-103.5 (%)	96.88 %
Melting point	88-92 (°C)	90.15400 °C
Purity(GC)	97-100 (%)	98.35 %
Appearance (A104872)	Beige to Brown Powder or Crystal or Chunks	Beige to Brown Powder or Crystal or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Dark Yellow to Brown, Clear to Hazy, 50mg/ml	pass	Pass
Solubility in MeOH	almost transparency	almost transparency



John Su  
QA & QC Manager