

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-16 09:33:06  
Date of Next Testing: 2028-11-15 09:33:06  
Product Name: **2-Aminothiazole**  
CAS Number: 96-50-4  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2412247  
SKU #: **A104872**  
Version: **0**  
Analysis #: **430738**  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	96.5-103.5 (%)	96.90%
Melting point	88-92 (°C)	91.48000 °C
Purity(GC)	97-100 (%)	97.22%
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