

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-22 15:51:24  
 Date of Next Testing: 2027-08-21 15:51:24  
 Product Name: **2-Aminothiazole**  
 CAS Number: 96-50-4  
 Specifications & Purity: 97%  
 Lot #: H2318186  
 SKU #: **A104872**  
**Analysis:** **187865**  
 Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	96.5-103.5 (%)	101.25 %
Melting point	88-92 (°C)	91.99000 °C
Purity(GC)	97-100 (%)	97.87 %
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