

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-13 14:10:41

Date of Next Testing: 2028-11-12 14:10:41

Product Name: **2-Aminothiazole**

CAS Number: 96-50-4

Specifications & Purity: $\geq 97\%$

Lot #: K2412148

SKU #: **A104872**

Version: **0**

Analysis #: **430738**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	96.5-103.5 (%)	96.90000 %
Melting point	88-92 (°C)	91.48000 °C
Purity(GC)	97-100 (%)	97.21600 %
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