

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-14 18:36:21  
Date of Next Testing: 2026-12-13 18:36:21  
Product Name: **2-Bromo-4-methylthiazole**  
CAS Number: 7238-61-1  
Specifications & Purity:  $\geq 96\%$   
Lot #: L2201542  
SKU #: **B123638**  
Version: **0**  
Analysis #: **150098**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	98.42 %
Purity(Titration by AgNO <sub>3</sub> )	95.5-104.5 (%)	98.90 %
Appearance (B123638)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager