

## Certificate of Analysis

Date of Testing: 2023-04-19 17:20:23  
Date of Next Testing: 2026-04-18 17:20:23  
Product Name: **4-bromo-1,3-thiazole-2-carboxylic acid**  
CAS Number: 88982-82-5  
Specifications & Purity: 97%  
Lot #: D2312363  
SKU #: **B178029**  
**Analysis:** **193519**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.01%
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager