

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-14 18:05:30

Date of Next Testing: 2026-12-13 18:05:30

Product Name: **2-(tert-Butoxycarbonylamino)thiazole-5-carboxylic Acid**

CAS Number: 302964-02-9

Specifications & Purity: >98.0%(HPLC)(T)

Lot #: L2210472

SKU #: **T162382**

Analysis: **151040**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.10000 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.60 %
Appearance (T162382)	White to pale yellow powder,crystals,solid	White to pale yellow powder,crystals,solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager