

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-05-10 18:37:10

Date of Next Testing: 2027-05-09 18:37:10

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

CAS Number: 302964-02-9

Specifications & Purity:  $\geq 98\%$ (HPLC)(T)

Lot #: E2306721

SKU #: **T162382**

Version: **0**

Analysis #: **151040**

Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                                 | Result                                       |
|----------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC)                     | 98-100 (%)                                   | 99.10000 %                                   |
| Purity(Neutralization titration) | 97.5-102.5 (%)                               | 97.60000 %                                   |
| 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                        |



John Su  
QA & QC Manager