

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-05 12:52:04

Date of Next Testing: 2025-03-04 12:52:04

Product Name: **1,2,4-Triazole-3-carboxylic acid**

CAS Number: 4928-87-4

Specifications & Purity:  $\geq 97\%$

Lot #: B2226176

SKU #: **T170575**

Version: **0**

Analysis #: **066544**

Storage Temperature: Room temperature

| Parameter                      | Limit Values                                   | Result                                         |
|--------------------------------|------------------------------------------------|------------------------------------------------|
| Nitrogen by Elemental Analysis | 35.8-38.5 (%)                                  | 37.50000 %                                     |
| Carbon by Elemental Analysis   | 30.7-33 (%)                                    | 31.51000 %                                     |
| Melting point                  | 132-136 (°C)                                   | 135.99000 °C                                   |
| Appearance (T170575)           | White to Light Yellow to Beige to Brown powder | White to Light Yellow to Beige to Brown powder |
| Proton NMR spectrum            | Conforms to Structure                          | Conforms to Structure                          |



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QA & QC Manager