

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-04-12 16:46:31

Date of Next Testing: 2026-04-11 16:46:31

Product Name: **1,2,4-Triazole**

CAS Number: 288-88-0

Specifications & Purity:  $\geq 99\%$

Lot #: C2226180

SKU #: **T100645**

Version: **0**

Analysis #: **080541**

Storage Temperature: Room temperature

| Parameter                                                                                      | Limit Values                    | Result                          |
|------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| Purity(HPLC)                                                                                   | 98-100 (%)                      | 99.15700 %                      |
| Purity(Titration by HClO <sub>4</sub> )                                                        | 98.5-101.5 (%)                  | 99.58000 %                      |
| Melting point                                                                                  | 119-123 (°C)                    | 119.08000 °C                    |
| Appearance (T100645)                                                                           | White to Yellow                 | White to Yellow                 |
|                                                                                                | Crystals,Flakes,Powder or Solid | Crystals,Flakes,Powder or Solid |
| Proton NMR spectrum                                                                            | Conforms to Structure           | Conforms to Structure           |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O | pass                            | Pass                            |



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QA & QC Manager