

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-23 16:30:31

Date of Next Testing: 2027-04-22 16:30:31

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

CAS Number: 288-88-0

Specifications & Purity: $\geq 99\%$

Lot #: D2319765

SKU #: **T100645**

Version: **0**

Analysis #: **170259**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.25800 %
Melting point	119-123 (°C)	122.38000 °C
Purity(Titration by HClO ₄)	98.5-101.5 (%)	98.52000 %
Appearance (T100645)	White to Yellow Crystals,Flakes,Powder or Solid	White to Yellow Crystals,Flakes,Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager