

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-24 15:17:43
Date of Next Testing: 2030-01-23 15:17:43
Product Name: **3,5-Pyrazoledicarboxylic Acid**
CAS Number: 3112-31-0
Specifications & Purity: $\geq 95\%$
Lot #: A2620087
SKU #: **P1505168**
Version: **1**
Analysis #: **648752**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Purity (Titration by NaOH) (anhydrous) | 94.5-105.5 (%) | 98.03% |
| Water by Karl Fischer | 0-8 (%) | 0.32% |
| Purity(HPLC) | 95-100 (%) | 98.07100% |
| Appearance(P1505168) | white to off-white powder, crystals, flakes or chunk | white to off-white powder, crystals, flakes or chunk |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager