

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 10:08:55  
Date of Next Testing: 2027-05-14 10:08:55  
Product Name: **3,5-Pyrazoledicarboxylic acid monohydrate**  
CAS Number: 303180-11-2  
Specifications & Purity: 97%  
Lot #: D2325161  
SKU #: **P169409**  
**Analysis:** **160951**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.97400 %
Purity (Titration by NaOH)	96.5-103.5 (%)	100.92 %
Appearance (P169409)	White to Almost white powder to crystal and/or Chunks	White to Almost white powder to crystal and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager