

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-21 10:17:12  
Date of Next Testing: 2027-11-20 10:17:12  
Product Name: **3,5-Pyrazoledicarboxylic acid monohydrate**  
CAS Number: 303180-11-2  
Specifications & Purity: 97%  
Lot #: K2309308  
SKU #: **P169409**  
**Analysis:** **289831**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.19100 %
Purity (Titration by NaOH)	96.5-103.5 (%)	99.49 %
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