

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-07-24 16:49:44
Date of Next Testing:	2028-07-23 16:49:44
Product Name:	<b>3,5-Pyrazoledicarboxylic Acid</b>
CAS Number:	3112-31-0
Specifications & Purity:	>97.0%
Lot #:	G2417150
SKU #	<b>P138655</b>
Version	<b>0</b>
Analysis #:	<b>392663</b>

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.42600 %
Water by Karl Fischer	0-5 (%)	1.38 %
Purity (Titration by NaOH) (anhydrous)	96.5-103.5 (%)	98.06 %
Appearance (P138655)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager