

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-17 08:03:49

Date of Next Testing: 2027-02-16 08:03:49

Product Name: **1,4,5,6-Tetrahydro-5,6-dioxo-2,3-pyrazinedicarbonitrile**

CAS Number: 36023-64-0

Specifications & Purity: >98.0%(HPLC)

Lot #: B2311070

SKU #: **T162029**

Analysis: **146643**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Appearance (T162029)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager