

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-31 14:42:56

Date of Next Testing: 2026-07-30 14:42:56

Product Name: **1,4,6,7-Tetrahydropyrano[4,3-c]pyrazole-3-carboxylic acid**

CAS Number: 518990-20-0

Specifications & Purity: $\geq 98\%$

Lot #: G2322923

SKU #: **T193716**

Version: **1**

Analysis #: **247263**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.94400 %
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager