

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 16:06:46

Date of Next Testing: 2028-08-13 16:06:46

Product Name: **Ethyl 4-oxo-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazine-2-carboxylate**

CAS Number: 951626-95-2

Specifications & Purity: $\geq 98\%$

Lot #: H2508369

SKU #: **E196038**

Version: **1**

Analysis #: **499931**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.42 %
Appearance(E196038)	White to off-white (Solid)	White to off-white (Solid)
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

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

John Su
QA & QC Manager