

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-24 15:27:14

Date of Next Testing: 2028-09-23 15:27:14

Product Name: **2-Bromo-5-tosyl-5H-pyrrolo[2,3-b]pyrazine**

CAS Number: 1201186-54-0

Specifications & Purity: $\geq 98\%$

Lot #: K2226318

SKU #: **B190029**

Version: **1**

Analysis #: **577241**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.48600 %
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