

Certificate of Analysis

Date of Testing: 2023-11-23 10:53:29

Date of Next Testing: 2026-11-22 10:53:29

Product Name: (1-Ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)boronic acid (contains varying amounts of Anhydride)

CAS Number: 2287228-20-8

Specifications & Purity: 95%

Lot #: K2314199

SKU #: E588261

Analysis: 292083

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.16 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
FNMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager