

Certificate of Analysis

Date of Testing: 2024-12-23 19:22:59

Date of Next Testing: 2027-12-23 19:22:59

Product Name: 4-chloro-5-fluoro-1H-pyrrolo[2,3-b]pyridine

CAS Number: 882033-66-1

Specifications & Purity: $\geq 97\%$

Lot #: L2416331

SKU #: C177899

Version: 1

Analysis #: 454105

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.30200 %
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager