

Certificate of Analysis

Date of Testing: 2025-09-09 10:44:51

Date of Next Testing: 2028-09-08 10:44:51

Product Name: **3-Azaspiro[5.5]undecane hydrochloride**

CAS Number: 1125-01-5

Specifications & Purity: $\geq 98\%$

Lot #: H2529163

SKU #: **A189730**

Version: **2**

Analysis #: **519553**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(NMR)	98-100 (%)	99.76 %
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager