

Certificate of Analysis

Date of Testing: 2024-12-03 11:46:36

Date of Next Testing: 2027-12-03 11:46:36

Product Name: **(DL)-Serine hydrazide HCl**

CAS Number: 55819-71-1

Specifications & Purity: $\geq 97\%$

Lot #: K2428307

SKU #: **D185206**

Version: **1**

Analysis #: **437559**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	100.98 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-1~1 (°)	-0.17 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager