

Certificate of Analysis

Date of Testing: 2024-09-12 10:05:38

Date of Next Testing: 2027-09-12 10:05:38

Product Name: **(R)-2,4-Diaminobutanoic acid dihydrochloride**

CAS Number: 127531-11-7

Specifications & Purity: 99%

Lot #: I2405257

SKU #: **R586894**

Version: **1**

Analysis #: **336060**

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

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.90%
specific rotation $[\alpha]_{20/D}(C=0.51 \text{ in H}_2\text{O})$	-14~-11 (°)	-11.05400°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager