

Certificate of Analysis

Date of Testing: 2025-07-02 12:29:46

Date of Next Testing: 2029-07-01 12:29:46

Product Name: **(R)-(-)-2,3-Diaminopropionic Acid Hydrochloride**

CAS Number: 6018-56-0

Specifications & Purity: $\geq 99\%$

Lot #: G2501709

SKU #: **D102444**

Version: **1**

Analysis #: **531732**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	235-240 (°C)	239.82000 °C
Specific Rotation [α] ₂₀ /D(c=2 in 1 M HCl)	-26--20 (°)	-22.60 °
Purity(Neutralization titration)	98.5-101.5 (%)	100.46 %
Appearance (D102444)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager