

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 14:30:52

Date of Next Testing: 2027-06-20 14:30:52

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

CAS Number: 6018-56-0

Specifications & Purity: $\geq 99\%$

Lot #: F2316090

SKU #: **D102444**

Version: **1**

Analysis #: **024676**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	235-240 (°C)	238.92000 °C
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 1 \text{ M HCl})}$	-26--20 (°)	-23.04 °
Purity(Neutralization titration)	98.5-101.5 (%)	100.99 %
Appearance (D102444)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager