

## Certificate of Analysis

Date of Testing: 2025-07-02 12:29:10

Date of Next Testing: 2029-07-01 12:29:10

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

CAS Number: 6018-56-0

Specifications & Purity: ≥99%

Lot #: G2501705

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] <sub>20</sub> /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