

Certificate of Analysis

Date of Testing: 2025-05-16 14:30:20
Date of Next Testing: 2029-05-15 14:30:20
Product Name: **D-(-)-Prolinamide**
CAS Number: 62937-45-5
Specifications & Purity: $\geq 99\%$
Lot #: H2111050
SKU #: **P121653**
Version: **1**
Analysis #: **510718**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	108-122 ($^{\circ}$)	108.01 $^{\circ}$
Purity(NonaqueousTitration)	98.5-101.5 (%)	99.15 %
Melting point	97-103 ($^{\circ}\text{C}$)	102.99800 $^{\circ}\text{C}$
Purity(HPLC)	98-100 (%)	99.35500 %
Appearance (p121653)	White to light yellow to off-white solid	White to light yellow to off-white solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager