

## Certificate of Analysis

Date of Testing: 2023-02-10 08:11:39

Date of Next Testing: 2027-02-09 08:11:39

Product Name: **D-Proline**

CAS Number: 344-25-2

Specifications & Purity: 98%

Lot #: B2304885

SKU #: **P140375**

**Analysis: 185170**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=4 in H <sub>2</sub> O)	83-87 (°)	83.01°
Purity(Titration by HClO <sub>4</sub> )	98-102 (%)	99.01%
Appearance (P140375)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow Clear(5%)	pass	Pass



John Su  
QA & QC Manager