

## Certificate of Analysis

Date of Testing: 2023-05-18 17:28:51

Date of Next Testing: 2027-05-17 17:28:51

Product Name: **Z-Asn-OH**

CAS Number: 2304-96-3

Specifications & Purity: 99%

Lot #: E2309048

SKU #: **Z110911**

**Analysis: 225534**

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	98.75%
Specific Rotation [α] <sub>20</sub> /D(c=2 in AcOH)	5.8-6.8 (°)	6.32°
Appearance (Z110911)	White Powder or Crystals or bulks	White Powder or Crystals or bulks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager