

## Certificate of Analysis

Date of Testing: 2023-12-05 10:52:15  
Date of Next Testing: 2027-12-04 10:52:15  
Product Name: **D-Aspartic acid**  
CAS Number: 1783-96-6  
Specifications & Purity: 98%  
Lot #: K2329235  
SKU #: **A105951**  
Version: **0**  
Analysis #: **108717**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	97.82 %
Specific Rotation [α] <sub>20</sub> /D(c=8 in 6N HCl)	-26--24 (°)	-24.47°
Appearance (A105951)	White to Off-White Powder	White to Off-White Powder
Solubility in 1N NH <sub>4</sub> OH , Colorless to Faint Yellow,Clear to Hazy,100mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager