

Certificate of Analysis

Date of Testing: 2023-03-08 17:41:32

Date of Next Testing: 2027-03-07 17:41:32

Product Name: **Ala-Ala**

CAS Number: 1948-31-8

Specifications & Purity: 98%

Lot #: F1516022

SKU #: **A113991**

Analysis: **195912**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in 0.5 M HCL)	-38.9--36.1 (°)	-37.20°
Purity(HPLC)	98-100 (%)	98.13600 %
Appearance (A113991)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager