

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-16 15:58:49

Date of Next Testing: 2027-05-15 15:58:49

Product Name: **Ala-Ala**

CAS Number: 1948-31-8

Specifications & Purity: 98%

Lot #: E2309294

SKU #: **A113991**

Analysis: **191470**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.78100 %
Specific Rotation [α] ₂₀ /D(c=2 in 0.5 M HCL)	-38.9--36.1 (°)	-38.29°
Appearance (A113991)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager