

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-08 11:38:58
 Date of Next Testing: 2027-03-07 11:38:58
 Product Name: **Fmoc-D-Asn(Trt)-OH**
 CAS Number: 180570-71-2
 Specifications & Purity: $\geq 98\%$
 Lot #: G1516023
 SKU #: **F116816**
 Version: **0**
 Analysis #: **195515**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	4.5-4.9 (%)	4.55000 %
Specific Rotation [a] ₂₀ /D(c=0.5 in MeOH)	11.5-17.5 (°)	11.60000 °
Purity(HPLC)	98-100 (%)	99.00000 %
Carbon by Elemental Analysis	73.8-79.2 (%)	75.90000 %
Appearance (F116816)	White to Yellow to Beige to Brown Powder,Crystals	White to Yellow to Beige to Brown Powder,Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager