

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-02 15:48:40

Date of Next Testing: 2029-07-01 15:48:40

Product Name: **β-Sitosterol**

CAS Number: 83-46-5

Specifications & Purity: ≥75%

Lot #: F2530230

SKU #: **S111182**

Version: **2**

Analysis #: **515986**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Ash	0-1 (%)	0.04367 %
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)-34--24 (°)		-27.76100 °
Loss on drying	0-3.5 (%)	0.75989 %
stigmasterol	0-5 (%)	0.54000 %
β-sitosterols(GC)	75-90 (%)	79.15000 %
brassicasterol	0-15 (%)	0.13000 %
total sterols (HPLC)	95-100 (%)	98.42000 %
Appearance (S111182)	White to Faintly Beige Power or Lumps	White to Faintly Beige Powder or Lumps
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager