

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-22 09:25:01

Date of Next Testing: 2030-04-21 09:25:01

Product Name: **β -Sitosterol**

CAS Number: 83-46-5

Specifications & Purity: $\geq 75\%$

Lot #: D2617496

SKU #: **S111182**

Version: **2**

Analysis #: **685929**

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

Parameter	Limit Values	Result
Ash	0-1 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$	-34--24 (°)	-27.76800 °
Loss on drying	0-3.5 (%)	0.41952 %
β -sitosterols(GC)	75-90 (%)	78.82000 %
total sterols (HPLC)	95-100 (%)	99.85000 %
brassicasterol	0-15 (%)	0.35000 %
stigmasterol	0-5 (%)	0.51000 %
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