

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-02 15:53:45
 Date of Next Testing: 2029-07-01 15:53:45
 Product Name: **β -Sitosterol**
 CAS Number: 83-46-5
 Specifications & Purity: $\geq 75\%$
 Lot #: F2530277
 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 $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$	-34--24 ($^{\circ}$)	-27.76100 $^{\circ}$
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