

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-24 11:51:03
Date of Next Testing: 2028-10-23 11:51:03
Product Name: **β -Sitosterol**
CAS Number: 83-46-5
Specifications & Purity: $\geq 75\%$
Lot #: J2421895
SKU #: **S111182**
Version: **2**
Analysis #: **415517**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Ash	0-1 (%)	0.15 %
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in CHCL}_3)$ -34--24 ($^{\circ}$)		-26.35 $^{\circ}$
Loss on drying	0-3.5 (%)	0.55 %
brassicasterol	0-15 (%)	0.35 %
total sterols (HPLC)	95-100 (%)	99.28 %
stigmasterol	0-5 (%)	0.51 %
β -sitosterols(GC)	75-90 (%)	78.62000 %
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