

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-24 11:49:13
 Date of Next Testing: 2028-10-23 11:49:13
 Product Name: **β-Sitosterol**
 CAS Number: 83-46-5
 Specifications & Purity: ≥75%
 Lot #: J2421891
 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 [α] ₂₀ /D(c=2 in CHCL ₃)-34--24 (°)		-26.35 °
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