

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-22 14:02:33
 Date of Next Testing: 2027-09-21 14:02:33
 Product Name: **β-Sitosterol**
 CAS Number: 83-46-5
 Specifications & Purity: >75.0%
 Lot #: I2319500
 SKU #: **S111182**
Analysis: **270812**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
brassicasterol	0-15 (%)	6.22 %
Ash	0-0.1 (%)	0.06 %
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)-34--24 (°)		-29.41 °
Loss on drying	0-3.5 (%)	1.25 %
stigmasterol	0-5 (%)	2.05 %
β-sitosterols(GC)	75-90 (%)	75.05000 %
total sterols (HPLC)	95-100 (%)	96.09 %
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