

Certificate of Analysis

Date of Testing: 2022-12-01 11:58:53
Date of Next Testing: 2026-11-30 11:58:53
Product Name: **β-Sitosterol**
CAS Number: 83-46-5
Specifications & Purity: >75.0%
Lot #: K2228689
SKU #: **S111182**
Analysis: **151586**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
brassicasterol	0-15 (%)	7.60 %
Ash	0-0.1 (%)	0.05 %
Loss on drying	0-3.5 (%)	1.22 %
stigmasterol	0-5 (%)	2.55 %
β-sitosterols(GC)	75-90 (%)	80.68900 %
total sterols (HPLC)	95-100 (%)	95.01 %
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)-34--24 (°)		-30.29°
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