

Certificate of Analysis

Date of Testing: 2023-09-15 10:03:15
 Date of Next Testing: 2027-09-14 10:03:15
 Product Name: **β-Sitosterol**
 CAS Number: 83-46-5
 Specifications & Purity: >75.0%
 Lot #: I2311213
 SKU #: **S111182**
Analysis: **263642**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
brassicasterol	0-15 (%)	6.33 %
Ash	0-0.1 (%)	0.02 %
Loss on drying	0-3.5 (%)	2.14 %
stigmasterol	0-5 (%)	3.01 %
total sterols (HPLC)	95-100 (%)	96.09 %
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)	-34--24 (°)	-28.34 °
β-sitosterols(GC)	75-90 (%)	75.05000 %
Appearance (S111182)	White to Faintly Beige Powder or Lumps	White to Faintly Beige Powder or Lumps
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager