

Certificate of Analysis

Date of Testing: 2022-07-26 13:06:24

Date of Next Testing: 2026-07-25 13:06:24

Product Name: **β-Sitosterol**

CAS Number: 83-46-5

Specifications & Purity: >75.0%

Lot #: G2222404

SKU #: **S111182**

Analysis: **117828**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
brassicasterol	0-15 (%)	10.00 %
total sterols (HPLC)	95-100 (%)	95.28 %
β-sitosterols(HPLC)	75-100 (%)	95.28 %
Ash	0-0.1 (%)	0.03 %
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)-34--24 (°)		-33.60 °
Loss on drying	0-3.5 (%)	2.50 %
stigmasterol	0-5 (%)	2.81 %
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