

Certificate of Analysis

Date of Testing: 2021-06-25 10:28:28
Date of Next Testing: 2025-06-24 10:28:28
Product Name: **β-Sitosterol**
CAS Number: 83-46-5
Specifications & Purity: >75.0%
Lot #: F2121277
SKU #: **S111182**
Analysis: **020156**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
brassicasterol	0-15 (%)	10.00 %
total sterols (HPLC)	95-100 (%)	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 %
β-sitosterols(HPLC)	75-100 (%)	95.28 %
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