

## Certificate of Analysis

Date of Testing: 2022-07-21 11:40:16  
Date of Next Testing: 2026-07-20 11:40:16  
Product Name: **β-Sitosterol**  
CAS Number: 83-46-5  
Specifications & Purity: >75.0%  
Lot #: G2219241  
SKU #: **S111182**  
**Analysis:** **116117**  
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] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )-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



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QA & QC Manager