

## Certificate of Analysis

Date of Testing: 2023-01-10 15:54:50  
 Date of Next Testing: 2027-01-09 15:54:50  
 Product Name: **β-Sitosterol**  
 CAS Number: 83-46-5  
 Specifications & Purity: >75.0%  
 Lot #: A2307022  
 SKU #: **S111182**  
**Analysis:** **162194**  
 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 (%)	2.40 %
stigmasterol	0-5 (%)	3.10 %
β-sitosterols(GC)	75-90 (%)	80.49700 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )	-34--24 (°)	-24.02 °
total sterols (HPLC)	95-100 (%)	95.15 %
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