

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-22 16:23:44  
Date of Next Testing: 2027-09-21 16:23:44  
Product Name: **β-Sitosterol**  
CAS Number: 83-46-5  
Specifications & Purity: >75.0%  
Lot #: I2319529  
SKU #: **S111182**  
**Analysis:** **270812**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
brassicasterol	0-15 (%)	6.22 %
Ash	0-0.1 (%)	0.06 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )-34--24 (°)		-29.41 °
Loss on drying	0-3.5 (%)	1.25 %
stigmasterol	0-5 (%)	2.05 %
β-sitosterols(GC)	75-90 (%)	75.05000 %
total sterols (HPLC)	95-100 (%)	96.09 %
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