

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-22 16:42:42  
Date of Next Testing: 2026-03-12 16:42:42  
Product Name:  **$\beta$ -Sitosterol**  
CAS Number: 83-46-5  
Specifications & Purity: analytical standard , >95%  
Lot #: C2420363  
SKU #: **S111183**  
**Analysis:** **322733**  
Storage Temperature: Store at 2-8°C

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Purity(HPLC)   | 95-100 (%)            | 95.69100%             |
| Specific Rotation [a] <sub>D</sub> 20/D(c=0.5 in CHCL <sub>3</sub> ) | -39--33 (°)           | -33.10°               |
| Appearance (S111183)   | White Solid           | White Solid           |
| Proton NMR spectrum  | Conforms to Structure | Conforms to Structure |
| Solubility in CHCL <sub>3</sub> , Clear ,50 mg/mL                    | pass                  | Pass                  |



John Su  
QA & QC Manager