

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-16 14:25:35

Date of Next Testing: 2029-04-15 14:25:35

Product Name: **Stigmasterol**

CAS Number: 83-48-7

Specifications & Purity: $\geq 90\%$

Lot #: G2108343

SKU #: **S111185**Version: **1**Analysis #: **495692**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$	-52--48 ($^{\circ}$)	-49.27 $^{\circ}$
Purity(GC)	90-100 (%)	96.58 %
Loss on drying	0-1 (%)	0.00 %
Melting point	166-170 ($^{\circ}\text{C}$)	167.61800 $^{\circ}\text{C}$
Appearance (S111185)	White powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager