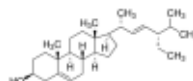


## Certificate of Analysis

Product Name:  
Stigmasterol - ~95%

**Product Number:** S2424  
**Batch Number:** BCCK1311  
**Brand:** SIGMA  
**CAS Number:** 83-48-7  
**Formula:** C<sub>29</sub>H<sub>48</sub>O  
**Formula Weight:** 412,69 g/mol  
**Quality Release Date:** 24 MAR 2023



Test	Specification	Result
Appearance (Color)	Colorless or White	White
Appearance (Form)	Powder	Powder
Purity (GC)	≥ 93.0 %	97.4 %
Specific Rotation (20/D) C= 2 in Chloroform	-53.0 - -49.0 deg	-51.1 deg
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 50mg/ml of Chloroform	Clear	Clear
Carbon Content	83.2 - 84.6 %	83.7 %
Infrared Spectrum	Conforms to Structure	Conforms

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

