

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Ergosterol - ≥75%

Product Number: E6510
Batch Number: SLBF3828V
Brand: SIGMA
CAS Number: 57-87-4
MDL Number: MFCD00003623
Formula: C₂₈H₄₄O
Formula Weight: 396.65 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 23 NOV 2012

| Test | Specification | Result |
|--|---------------------------|-----------|
| Appearance (Color) | White to Off-White | White |
| Appearance (Form) | Powder | Powder |
| Solubility (Color) | Colorless to Faint Yellow | Colorless |
| Solubility (Turbidity) | Clear | Clear |
| 50 mg/mL, CHCl ₃ | | |
| % Purity (HPLC) | ≥ 75 | 97 |
| UV-Vis Spectrum | ≥ 75 % | 93 % |
| Based on the UV extinction coefficient at the maximum absorbance at 281 to 282 nm in ethanol | | |



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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. 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.