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## Product Specification

Product Name:

Cholesterol - powder, BioReagent, suitable for cell culture, ≥99%

Product Number:

C3045

CAS Number:

57-88-5

MDL:

MFCD00003646

Formula:

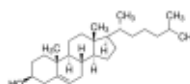
C<sub>27</sub>H<sub>46</sub>O

Formula Weight:

386.65 g/mol

Storage Temperature:

-20 °C



### TEST

### Specification

Appearance (Color)

White to Off White

Appearance (Form)

Powder

Solubility (Color)

Colorless to Very Faint Yellow

Solubility (Turbidity)

Clear

100 mg/mL, CHCl<sub>3</sub> (APHA NMT 20)

Proton NMR spectrum

Conforms to Structure

Water (by Karl Fischer)

≤ 1.0 %

Purity (GC)

≥ 99 %

Carbon

83.0 - 84.7 %

Recommended Retest Period

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6 Years

13C NMR Spectrum

Conforms to Structure

Cell Culture Test

Pass

Specification: PRD.1.ZQ5.10000063966

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.