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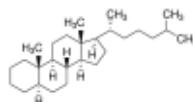
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Product Specification

Product Name:
5- α -Cholestane - $\geq 97.0\%$ (HPLC)

Product Number: **C8003**
CAS Number: 481-21-0

Formula: C₂₇H₄₈
Formula Weight: 372.68 AMU



TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Chloroform
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	86.50 - 87.50 %
NMR (Solvent)	CDCl ₃
Identity by NMR	Consistent
Specific Rotation (Solvent)	Chloroform
Specific Rotation (Conc)	18.00 - 22.00 mg/ml
Specific Rotation (Alpha D)	23.00 - 27.00 deg
Purity (HPLC)	$\geq 97.0\%$
Recommended Retest Period	-----
5 Years	

Specification: PRE.1.ZQ5.10000001194

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.