

# Chem-Impex International, Inc.

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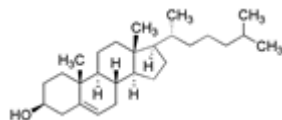
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	01438
<b>Product</b>	<b>Cholesterol</b> 3β-Hydroxy-5-cholestene 5-Cholesten-3β-ol
<b>CAS Number</b>	57-88-5
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>46</sub> O
<b>Molecular Weight</b>	386.7

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<b>Appearance</b>	White sheet crystal or white crystalline powder
<b>Solubility (Turbidity)</b>	No deposit or turbidity is formed in Alcohol
<b>Melting Point</b>	147 - 150 °C
<b>Heavy Metals</b>	≤ 20 ppm
<b>Acidity</b>	≤ 0.3 mL
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -34 to -38 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 0.3% (60 °C, 4h)
<b>Pseudomonas Aeruginosa</b>	Negative
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay</b>	95 - 102% (Dried basis)
<b>Grade</b>	Meets USP, EP, NF specification
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : To pass test

**For Laboratory Use Only**