

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	01438
<b>Lot Number</b>	002513-20161115
<b>Product</b>	<b>Cholesterol</b> 3 $\beta$ -Hydroxy-5-cholestene 5-Cholesten-3 $\beta$ -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 crystalline powder
<b>Solubility</b>	Soluble in Diethyl ether, Chloroform, and Acetone. No sediment and turbidity. Slightly soluble in alcohol. Insoluble in Water.
<b>Melting Point</b>	146.6 °C
<b>Acidity</b>	< 0.3 mL
<b>Optical Rotation</b>	-36.8°
<b>Loss on Drying</b>	0.1%
<b>Residue On Ignition</b>	0.06%
<b>Assay</b>	98.1%
<b>Grade</b>	USP, EP, NF
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Passes test
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager