

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	46588
Lot Number	003388-20220701
Product	Cholesterol, Plant-Origin 3 β -Hydroxy-5-cholestene
CAS Number	57-88-5
Molecular Formula	C ₂₇ H ₄₆ O
Molecular Weight	386.70

Appearance	Almost white crystalline powder
Solubility	No deposit or turbidity is formed (In Alcohol)
Melting Point	147 - 150 °C
Heavy Metals	< 10 ppm
Acidity	< 0.3 mL (0.1 N H ₂ SO ₄)
Optical Rotation	[α] _{D20} = -36.7 ° (C=2 in Dioxane)
Loss on Drying	0.24%
Related Substances	Individual impurity (HPLC) : 0.22% Total impurities (HPLC) : 0.5% Individual impurity (GC) : 0.1% Total impurities (GC) : 0.3%
Sulfated Ash	0.06%
¹H NMR	Conforms to structure
Purity by HPLC	98.6%
Storage	Store at RT
Remarks	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