

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Cholesterol NF  
**INCI Name:** Cholesterol  
**CAS Number:** 57-88-5  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 36 months from production date

Property	Specification	Analysis
Appearance (@ 25 °C) (Visual)	White to off-white powder	Pass
Identification A (Cholesterol) (046.00)	Conforms to USP/NF	Pass
Identification B (Cholesterol) (046.00)	Conforms to USP/NF	Pass
Identification C (USP)	Conforms to USP/NF	Pass
Melting Range (USP)	147 - 150 °C	148.0 °C
Specific Rotation (USP)	-34° to -38°	-36.0°
Assay (USP)	95 - 102%	98.0%
beta-Cholestanol (USP)	0.6% MAX	0.0%
Desmosterol (USP)	4% MAX (related sterols)	0.82%
Lathosterol (USP)	2% MAX (related sterols)	0.31%
24-Dehydrolathosterol (USP)	0.2% MAX	0.0%
4-Methylcholest-5-en-3B-ol (USP)	0.5% MAX	0.0%
Total Impurities (Including Sterols) (USP)	5% MAX	1.46%
Loss on Drying (60 °C vacuum, 4 hrs) (USP)	0.3% MAX	0.10%

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Residue on Ignition (USP)	0.1% MAX	0.05%
Acidity (USP)	Conforms to USP/NF	Pass
Solubility in Alcohol (USP)	Conforms to USP/NF	Pass
Residual Solvents (USP or EP)	Conforms to USP/NF	Pass

All product characteristic test methods conform to USP/NF unless noted with an asterisk (\*).

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed. All data are as per our supplier.

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