

Item Number	CH135
Item	Cholesterol, NF
CAS Number	57-88-5
Molecular Formula	C <sub>27</sub> H <sub>46</sub> O
Molecular Weight	386.65
MDL Number	
Synonyms	(3β)-Cholest-5-en-3-ol ; Cholesterin

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	95.0	102.0 %
MELTING RANGE	147°	150°C
SPECIFIC ROTATION	-34° to -38°	
SOLUBILITY IN ALCOHOL	NO DEPOSIT OR TURBIDITY FORMS	
ACIDITY		0.3 ml
LOSS ON DRYING		0.3%
RESIDUE ON IGNITION		0.1%
RELATED STEROLS AND OTHER ORGANIC IMPURITIES:		
?-CHOLESTANOL (5a-CHOLESTAN-3?-ol,DIHYDROCHOLESTEROL)		0.6 %
DESMOSTEROL		4 %
LATHOSTEROL		2 %
24-DEHYDROLATHOSTEROL (5a-CHOLESTA-7,24 DIEN--3?-ol )		0.2 %
4-METHYLCHOLEST-5-EN-3?-OL		0.5 %
TOTAL IMPURITIES INCLUDING RELATED STEROLS		5 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	-34° to -38°	
IDENTIFICATION (C)	147 - 150 C	
CERTIFIED HALAL		
RETEST DATE		

Test	Specification	
	Min	Max
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS:	AS REPORTED	

***Spectrum Chemical Mfg Corp***

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