

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Cholesterol 99 % AR

Catalog Number : O-5301

Batch Number : 5301-00000000

CAS Number : 57-88-5

Molecular Weight : 386.66 g/mol

Mol. Formula : $C_{27}H_{46}O$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White to off-white crystalline powder	Off-white crystalline powder
2	Assay (GC)	min 99.0 %	99.62%
3	Solubility	Insoluble in water; soluble in ethanol, chloroform and ether	complies
4	Melting point	147 - 150 °C	149.2 °C
5	Loss on drying	max 0.5 %	0.075%
6	Sulphated ash	max 0.1 %	0.033%
7	Free acid	passes test	passes
8	Lipoid impurities, phospholipoid	passes test	passes

Corresponds to AR / ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC