

# Certificate of Analysis

SIGMA-ALDRICH®

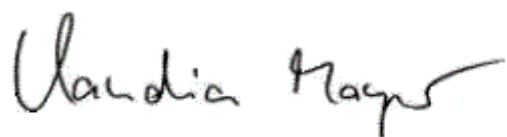
Product Name	Cholesterol, 94%
Product Number	C75209
Product Brand	SIGMA
CAS Number	<a href="#">57-88-5</a>
Molecular Formula	C <sub>27</sub> H <sub>46</sub> O
Molecular Weight	386.65
Storage Temp	room temp

## TEST

## SPECIFICATION

## LOT S02479-103 RESULTS

QC Acceptance date	10-NOV-2000
OPTICAL ROTATION	-40.10DEGREES
OPTICAL ROTATION - CONCENTRATION	C=2.014, CHCL3
OPTICAL ROTATION - TEMPERATURE	20.0DEG C
APPEARANCE - COLOUR	WHITE
APPEARANCE - STATE	POWDER
ELEMENTAL ANALYSIS - CARBON	84.19%
ELEMENTAL ANALYSIS - HYDROGEN	12.11%
FT-IR SPECTROSCOPY - FTIR SPECTRUM	CONFORMS TO REFERENCE
FT-IR SPECTROSCOPY - REFERENCE	1(2), 1048B
MELTING POINT	147.4-148.5 DEG C
SOLUBILITY - CONCENTRATION	1G/4.5ML, CHCL3
SOLUBILITY - COLOUR	COLOURLESS
SOLUBILITY - CLARITY	CLEAR
SOLUBILITY - TURBIDITY	2.8NTU
SOLUBILITY - APHA	<20.0
T.L.C. - MAIN SPOT Rf	0.51

A handwritten signature in black ink, reading "Claudia Mayer". The script is cursive and fluid, with a long horizontal stroke at the end of the name.

Claudia Mayer  
Manager Quality Control  
Steinheim, Germany