



DALIAN HANDOM CHEMICALS CO.,LTD.

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Certificate of Analysis

Product Name: Cholesterol

EINECS No.: 200-353-2

Molecular Weight: 386.66

Batch Quantity: 1100.00KGS

Retest Date: Nov 12th, 2025

Packing Size: 25kgs/Fibre Drum

CAS No.: 57-88-5

Molecular Formula: C₂₇H₄₆O

Batch No.: HDC20231113

Manufacturing Date: Nov 13th, 2023

Report Date: Nov 14th, 2023

Standard: O.QCS.080000.002

Test Items	Specifications	Test Results
Appearance	White or pale white crystalline powder	Conforms
Identify	A: Dissolve 10mg of sample in 1ml of chloroform, then add 1ml of sulfuric acid. In chloroform, bloody red appears, and in sulfuric acid, fluorescent green appears.	A. Fluorescent green
	B: chloroform, add 1 ml of acetic anhydride, and then add a drop of sulfuric acid, a pink color will appear, which will soon turn into red, then blue, and finally bright green.	B. Bright green
Melting Point	147.0°C ~ 150.0°C	148.1°C ~ 149.27°C
Optical Rotation	-34° ~ -38°	-36.8°
Acidity	Not more than 0.3 mL	0.1 mL
Loss on Drying	Not more than 0.3%	0.1%
Residue on Ignition	Not more than 0.1%	0.06%
Solubility in alcohol	No precipitation or turbidity	Conforms
Content (GC)	Not less than 95.0%	98.1%

Conclusion: The testing results of this batch are complied with the Standard of O.QCS.080000.002.

Storage Conditions: Preserved in unopened original containers in a cool dry place before using; kept away from direct sunlight, heat and moisture.