

CERTIFICATE OF ANALYSIS

Product Name	Cholesterol, USP
Product Code	AL00096
INCI Name	Cholesterol
CAS Number	57-88-5
Lot Number	20250912
Manufacture Date	09/2025
Re-test Date	09/2027

Items	Specifications	Results
Appearance	White or similar sheet crystal or powder	White sheet crystalline
Solubility in alcohol	Clear and no deposit	Complies
Identification A	The chloroform acquires a blood-red color and the sulfuric acid shows a green fluorescence	Complies
Identification B	A pink color is produced, and it rapidly changes to red, then to blue, and finally to a brilliant green	Complies
Melting range	147°C – 150°C	147.5 – 148.0°C
Specific rotation	-34.0° – -38.0°	-36.5°
Acidity	≤ 0.3 ml	0.2 ml
Loss on drying	≤ 0.3%	0.15%
Residue on ignition	≤ 0.1%	0.08%
Assay	≥ 98.0%	99.4%
Conclusion	This product can meet the USP32 Standard	

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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