NATURE SCIENCE TECHNOLOGIES

E-mail: inquiries@nstchemicals.com

nstchemicals.com

Phone: +371 24220280

CERTIFICATE OF ANALYSIS

Cholic acid

LOT EX0228

Catalog No.: NST-10-206

CAS No.: 81-25-4

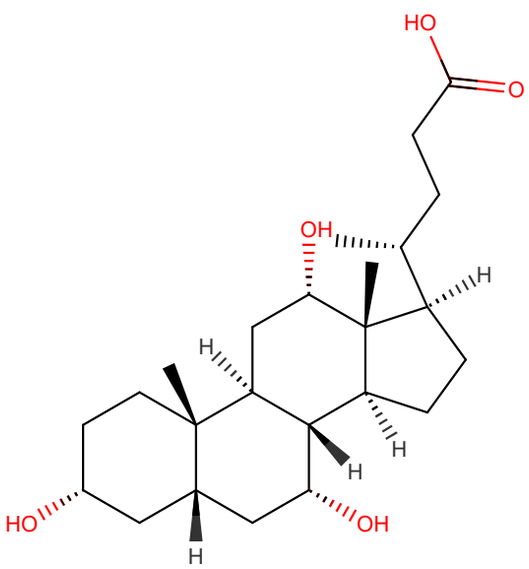
Molecular formula: $C_{24}H_{40}O_5$

MW: 408.57

Manufacturing date: 29.04.2026

Analysis date: 06.05.2026

Shelf life: 24 months



No.	Parameter	Specification	Results	Method
1.	Appearance	Powder	Conforms	Visual
2.	Color	White	Conforms	Visual
3.	Identification	Conforms	Conforms	TLC&NMR
4.	Assay	≥98.0 %	98.88 %	HPLC-ELSD
5.	Residue on ignition	≤0.3 %	0.03 %	USP <281>
6.	Loss on drying	≤1.0 %	0.34 %	USP <731>
7.	Heavy Metals	≤10 ppm	Conforms	ICP-MS
8.	Lead	≤2 ppm	Conforms	ICP-MS
9.	Arsenic	≤1 ppm	Conforms	ICP-MS
10.	Mercury	≤0.1 ppm	Conforms	ICP-MS
11.	Cadmium	≤1 ppm	Conforms	ICP-MS

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored

SAMPLE CERTIFICATE OF ANALYSIS - REFERENCE BATCH EX0228

Results relate to this reference batch only. The supplied batch may differ.

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 06.05.2026

This Certificate of Analysis is based on the manufacturer's quality control documentation for the referenced batch.