NATURE SCIENCE TECHNOLOGIES

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CERTIFICATE OF ANALYSIS

Ursodeoxycholic Acid Ph. Eur.

LOT EX0476

Catalog No.: NST-10-47

CAS No.: 128-13-2

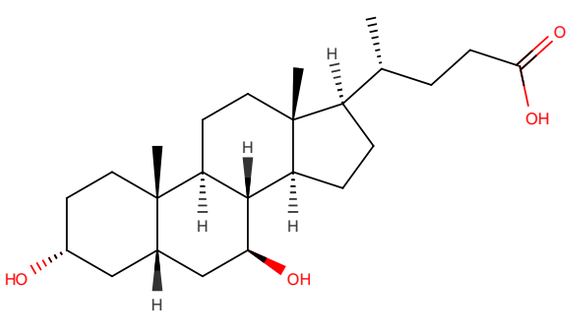
Molecular formula: $C_{24}H_{40}O_4$

MW: 392.57

Manufacturing date: 18.06.2026

Analysis date: 24.06.2026

Shelf life: 24 months



No.	Parameter	Specification	Results
1.	Appearance	Powder	Conforms
2.	Color	White	Conforms
3.	Identification	Conforms	Conforms
4.	Assay	99.0 % - 101.0 %	100.45 %
5.	Purity	≥98.0 %	99.86 %
6.	Total impurities	≤1.5 %	0.14 %
7.	Sulfated ashes	≤0.1 %	0.05 %
8.	Loss on drying	≤1.0 %	0.07 %
9.	Melting point	200 °C – 204 °C	202.2 °C – 203.7 °C
10.	Specific optical rotation	+58° to +62°	+60.78°
11.	Bulk density	≤0.8 g/ml	Conforms
12.	Solvent residues	USP <467>	Conforms
13.	Heavy Metals	≤10 ppm	Conforms

14.	Lead	≤2 ppm	Conforms
15.	Arsenic	≤1 ppm	Conforms
16.	Mercury	≤0.1 ppm	Conforms
17.	Cadmium	≤1 ppm	Conforms
18.	TPC	$<10^3$ CFU/g	Conforms
19.	TYMC	$<10^2$ CFU/g	Conforms
20.	*Escherichia Coli*	Absent	Conforms
21.	*Salmonella*	Absent	Conforms
22.	*Staphylococcus aureus*	Absent	Conforms

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

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 24.06.2026

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