

QUALITY SPECIFICATION

Ursodeoxycholic Acid

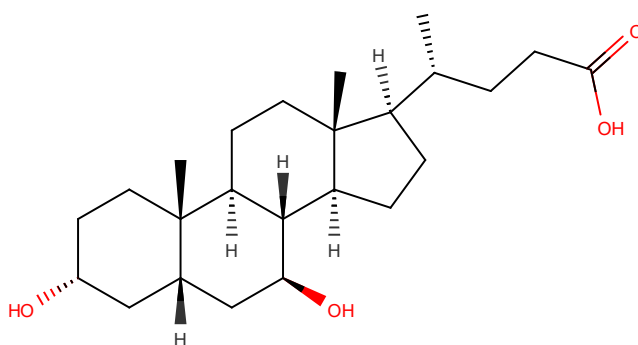
Catalog No.: NST-10-47

CAS No.: 128-13-2

Molecular formula: C₂₄H₄₀O₄

MW: 392.57

Shelf life: 24 months



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

17.	Cadmium	≤ 1 ppm
18.	TPC	$<10^3$ CFU/g
19.	TYMC	$<10^2$ CFU/g
20.	<i>Escherichia Coli</i>	Absent
21.	<i>Salmonella</i>	Absent
22.	<i>Staphylococcus aureus</i>	Absent

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

Stability: 24 months when properly stored