

QUALITY SPECIFICATION

Chenodeoxycholic acid

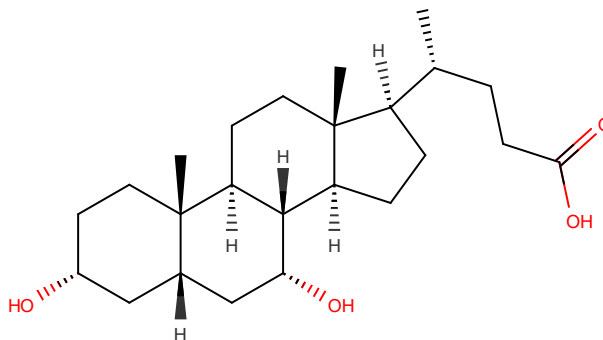
Catalog No.: NST-10-100

CAS No.: 474-25-9

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

MW: 392.57

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Solubility	Methanol	In house
4.	Identification	Conforms	TLC&NMR
5.	Loss on drying	≤2.0 %	USP <731>
6.	Ashes	≤0.5 %	USP <281>
7.	Purity	≥98.0%	HPLC
8.	Solvent residues	≤5000 ppm	GC
9.	Specific rotation	+11.0° to +13.0°	USP <781>
10.	Melting point	165°C - 167°C	USP <741>
11.	Heavy Metals	≤10 ppm	ICP-MS
12.	Lead	≤2 ppm	ICP-MS
13.	Arsenic	≤1 ppm	ICP-MS
14.	Mercury	≤0.1 ppm	ICP-MS
15.	Cadmium	≤1 ppm	ICP-MS

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

Stability: 24 months when properly stored