

QUALITY SPECIFICATION

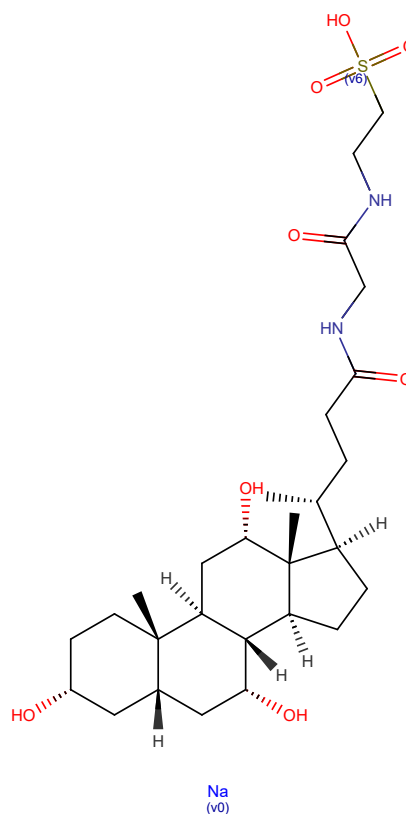
Sodium tauroglycocholate

Catalog No.: NST-10-207

CAS No.: 41945-48-6 (11006-55-6)

Molecular formula: $C_{28}H_{47}N_2NaO_8S$

MW: 594.74



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White to off-white	Visual
3.	Identification	A: White curd-like precipitate should be produced B: In the chromatogram of the test solution, a spot of the same color should appear at the corresponding position in the chromatogram of the bile acid or hyodeoxycholic acid reference substance.	In house
4.	Assay	≥ 98.0 %	HPLC

5.	Odor	Smells like fresh bile	Organoleptic
6.	Taste	Sweetness at first but bitter later	Organoleptic
7.	Sulfated ash	13.0%-17.0%	In house
8.	Loss on drying	$\leq 7.0 \%$	In house
9.	Bile acid value	≤ 145	In house
10.	pH	8.0-10.5	pH meter

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored