



Certificate of Analysis

Sodium Taurocholate Hydrate

Catalog Number: TA1014
Lot Number: Typical-105
CAS Number: 145-42-6
Synonym(s): 2-[(3 α ,7 α ,12 α -Trihydroxy-24-oxo-5 β -cholan-24-yl)amino]ethanesulfonic acid, 3 α ,7 α ,12 α -Trihydroxy-5 β -cholan-24-oic acid *N*-(2-sulfoethyl)amide
Molecular Formula: C₂₆H₄₄NNaO₇S · xH₂O
Molecular Weight: 537.68 (Anhydrous)
Storage: 15°C – 30°C
Date of Manufacture: November 5, 2017
Retest Date: November 4, 2019

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay (Anhydrous Basis)	≥ 97%	97.5%
Identification		
IR	To match reference spectra	Conforms
TLC	To migrate as standard	Conforms
Impurities (TLC)		
Sodium Cholate	≤ 0.5%	< 0.5%
Sodium Taurodeoxycholate	≤ 0.5%	< 0.5%
Taurine	≤ 0.5%	< 0.5%
Related Substances	≤ 1.0%	< 1.0%
Moisture (LOD)	≤ 7.0%	1.0%
Solubility (3%, H ₂ O)	Clear to slightly cloudy	Conforms

Approved by:

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