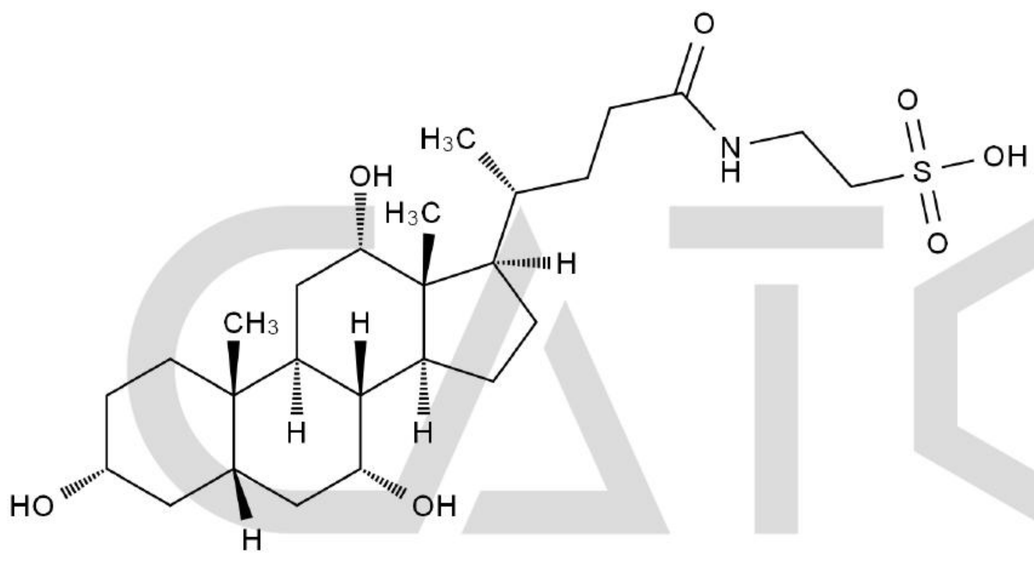
Certificate of Analysis

Reference Material & Standard

Product Name:	Taurocholic Acid	**Catalogue Number:**	CCFD200871
Synonyms:	N/A	**Lot Number:**	0920-RH-0119
CAS Number:	81-24-3	**Expiry Date:**	Sep 21, 2030
Molecular Formula:	$C_{26}H_{45}NO_7S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	515.70	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Water	**Warning:**	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.1%
Assay	qNMR	96.1%
Uncertainty		±0.8%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa Date: Sep 22, 2026

Reviewed by: Hinlam Date: Sep 22, 2026

Approved by General Manager: David Date: Sep 22, 2026

CATO Research Chemicals Inc.