



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

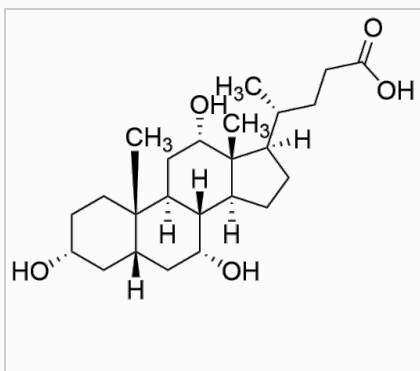
Catalogue Number: C432600

CAS Number: 81-25-4

Product: Cholic Acid

Synonym: (3 α ,5 α ,7 α ,12 α)-3,7,12-Trihydroxy-cholan-24-oic Acid; 17 β -(1-Methyl-3-carboxy-propyl)etiocholane-3 α ,7 α ,12 α -triol; 5 α -Cholic Acid; Cholalic Acid; Cholalin; Colalin; NSC-6135;

Structure:



Molecular Formula:

C₂₄H₄₀O₅

Molecular weight:

408.57

Source of Product:

N/A

Solubility:

DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)

Lot Number: 45-OTM-6-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Brown Solid	Light Brown to Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.23, %H: 10.23
HPLC Purity	Report Result	99.31% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+33.5° (c = 0.5, Ethanol)
Water Content	Report Result	1.0% by Karl Fischer

Additional Information: Contains: ~1.1% Methanol

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	11/30/2021	11/28/2025