

CERTIFICATE OF ANALYSIS

1. Identification

<u>Catalogue Number</u>	<u>Lot Number</u>	<u>Structure</u>
TRC-H998105	7-GBH-93-1	
<u>Product Name</u>		
β-Hydeoxycholic Acid		
<u>Synonyms</u>		
(3β,5β,6α)-3,6-Dihydroxycholan-24-oic Acid; 3β,6α-dihydroxy-5β-Cholan-24-oic Acid; Isohydeoxycholic Acid;		
<u>CAS Number</u>	<u>Solubility</u>	<u>Shipping Condition</u>
570-84-3	DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)	This Product Is Stable To Be Shipped At Room Temperature
<u>Molecular Formula</u>	<u>Source of Product</u>	<u>Long Term Storage Conditions</u>
C ₂₄ H ₄₀ O ₄	Synthetic	-20°C, Hygroscopic
<u>Molecular Weight</u>	<u>Purity</u>	
392.58	95%	

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 67.49, %H: 10.80
HPLC Purity	Report Result	99.56% (ELSD)
MS	Conforms to Structure	Conforms
Water Content	Report Result	8.4% by Karl Fischer
Specific Rotation	Report Result	+4.0° (c = 0.1, Ethanol)

Additional Information

N/A

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
Hanxiang Li			6/3/2021	6/1/2031
Hanxiang Li Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Jr. Quality Assurance		