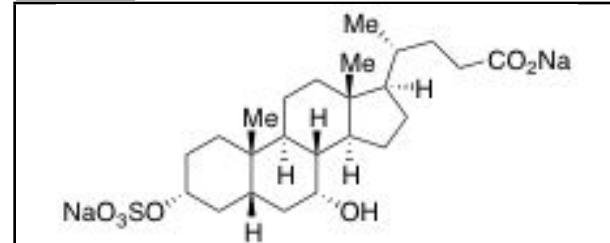


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number H954025
Lot Number 14-QFY-33-1
Product Name (3a,5b,7a)-7-Hydroxy-3-(sulfooxy)-cholan-24-oic Acid Disodium Salt

SynonymsStructure

CAS Number 60237-34-5
Solubility DMSO (Slightly), Methanol (Slightly)

Shipping Condition This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula C₂₄H₃₈Na₂O₇S
Synthetic

Long Term Storage Conditions -20°C, Hygroscopic

Molecular Weight 516.6
Purity >95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.99, %H: 7.60
HPLC Purity	>95%	99.67% (ELSD)
MS	Conforms to Structure	Conforms

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>
			1/8/2024	1/6/2028

Henry Tieu
 Product Quality Specialist

Toni Rantanen
 Manager, Quality Assurance

Christina Gouliaras
 Quality Assurance Associate