



INDOFINE Chemical Company, Inc.

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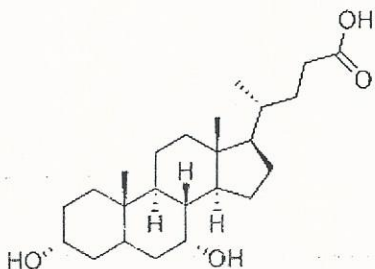
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CERTIFICATE OF ANALYSIS

Chemical Structure:



Catalog Number: 023552
Product Name: Chenodeoxycholic acid
CAS Number: [474-25-9]
Lot Number: 1609898
Chemical Formula: C₂₄H₄₀O₄
Molecular Weight: 392.57

Analysis Data

Items	Specifications	Results
Appearance	This product should be white or light yellow crystalline powder; bitter, there are different smell.	Conforms
Specific rotation	+11.0°~+13.0°	+11.7°
Identification	1.Solution should be light red to dark green. 2.The solution should be purple.	Conforms
Acidity	≤0.5ml	0.32ml
Chloride	≤0.016%	<0.016%
Barium salt	Should not be turbid	No turbidity occurred
Loss on drying	≤2.0%	1.4%
Residue on ignition	≤0.2%	0.15%
Assay	≥98.0%	98.5%