



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215161  
Lot Number: SAMPLE  
Product Name: Hyodeoxycholic acid  
CAS Number: 83-49-8  
Molecular Formula:  $C_{24}H_{40}O_4$   
Molecular Weight: 392.57

Test	Specification	Result
Appearance	White or almost white powder. Bitter taste, without stink	Complies
Assay	$\geq 98\%$ (Titration)	99.5%
Melting Point	$\geq 195^{\circ}\text{C}$	$198.2^{\circ}\text{C}$
Residue on Ignition	$\leq 0.2\%$	0.15%
Solubility	500mg of Hyodeoxycholic acid, accurately weighed, add 50ml of ethanol, and warm until solution is soluble, then transfer it to a place at a temperature between $20-25^{\circ}\text{C}$ for an hour. The solution should be clear and no visible deposition.	Complies
Specific Rotation	$+7.0^{\circ} \sim +8.0^{\circ}$	$+7.9^{\circ}$
Loss on Drying	$\leq 1.0\%$	0.15%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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