



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-220191  
Lot Number: SAMPLE  
Product Name: Tauro lithocholic Acid-d5 Sodium Salt  
CAS Number: 1265476-97-8  
Molecular Formula:  $C_{26}H_{39}D_5NNaO_5S$   
Molecular Weight: 510.72  
Native Source: Synthetic

Test	Specification	Result
Appearance		Off-white solid
Identification ( $^1H$ -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		95%
Atmosphere		Air
Melting Point		209 - 212 °C
Solubility		Methanol (Slightly)
Specific Rotation		+30.0° (c=0.1, Methanol)
Carbon Content	61.15%	53.80%
Hydrogen Content	8.69%	8.61%
Nitrogen Content	2.74%	2.48%
Sodium Content		3.45%(by ion chromatography)
Water Content		10.56% (based on Elemental Analysis)

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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