

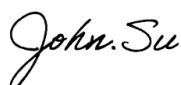
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-14 17:01:24
Date of Next Testing: 2026-09-13 17:01:24
Product Name: **Sodium cholate hydrate**
CAS Number: 206986-87-0
Specifications & Purity: 98%
Lot #: I2208996
SKU #: **S104205**
Analysis: **134942**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.6 in EtOH in dry base)	34-38 (°)	36.01°
Purity(perchloric acid titration)	97.5-102.5 (%)	99.32%
Appearance (S104205)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager