

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-18 15:45:20
Date of Next Testing: 2027-09-17 15:45:20
Product Name: **Sodium glycocholate hydrate**
CAS Number: 338950-81-5
Specifications & Purity: 98%
Lot #: I2314058
SKU #: **S101417**
Analysis: **277953**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	2.6-3.1 (%)	2.91%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	26-30 (°)	29.64°
Purity(HPLC)	98-100 (%)	99.99500%
Water by Karl Fischer	2.5-8 (%)	4.54%
Appearance (S101417)	White to Off-White Powder	White to Off-White Powder
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