

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-18 15:42:53
 Date of Next Testing: 2027-09-17 15:42:53
 Product Name: **Sodium glycocholate hydrate**
 CAS Number: 338950-81-5
 Specifications & Purity: 98%
 Lot #: I2314054
 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