

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-12 15:32:16
Date of Next Testing: 2029-08-11 15:32:16
Product Name: **Sodium glycocholate hydrate**
CAS Number: 338950-81-5
Specifications & Purity: $\geq 98\%$
Lot #: J2122366
SKU #: **S101417**
Version: **0**
Analysis #: **553639**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	2.6-3.1 (%)	2.77 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	26-30 ($^{\circ}$)	26.87 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.01000 %
Water by Karl Fischer	2.5-8 (%)	5.95 %
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