

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-24 15:37:52
 Date of Next Testing: 2029-04-23 15:37:52
 Product Name: **Sodium glycodeoxycholate**
 CAS Number: 16409-34-0
 Specifications & Purity: $\geq 97\%$
 Lot #: D2516561
 SKU #: **S102123**
 Version: **3**
 Analysis #: **464368**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	2.58080 %
Purity(HPLC)	97-100 (%)	99.90000 %
Melting point	205-209 (°C)	208.83000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$ (dry basis)	41-45 (°)	41.25800 °
Appearance (S102123)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Solubility in H ₂ O , colorless and clear (0.1M)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager