

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-07 14:47:18
 Date of Next Testing: 2027-01-06 14:47:18
 Product Name: **Sodium glycodeoxycholate**
 CAS Number: 16409-34-0
 Specifications & Purity: $\geq 97\%$
 Lot #: A2304721
 SKU #: **S102123**
 Version: **3**
 Analysis #: **128142**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Magnesium(Mg)	0-0.001 (%)	0.00036 %
Ammonia (NH ₄)	0-0.05 (%)	0.02400 %
Calcium(Ca)	0-0.005 (%)	0.00170 %
Zinc(Zn)	0-0.0005 (%)	0.00031 %
Lead(Pb)	0-0.001 (%)	0.00060 %
Insoluble matter	0-0.1 (%)	0.03000 %
Aluminum(Al)	0-0.0005 (%)	0.00022 %
Water by Karl Fischer	0-8 (%)	5.68280 %
Iron(Fe)	0-0.001 (%)	0.00069 %
Chloride Content	0-1 (%)	0.72000 %
Potassium(K)	0-0.005 (%)	0.00260 %
Copper(Cu)	0-0.0005 (%)	0.00034 %
Phosphorus (P)	0-0.001 (%)	0.00068 %
Sulfur(S)	0-1 (%)	0.74000 %
Melting point	205-209 (°C)	206.79000 °C
Purity(HPLC)	97-100 (%)	97.17000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (dry basis)	41-45 (°)	41.20000 °
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager