

Certificate of Analysis

Date of Testing: 2025-03-28 09:48:14
Date of Next Testing: 2029-03-27 09:48:14
Product Name: **Sodium deoxycholate**
CAS Number: 302-95-4
Specifications & Purity: $\geq 97\%$
Lot #: C2520632
SKU #: **S579505**
Version: **1**
Analysis #: **488684**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)(anhydrous)	96.5-102.5 (%)	101.23 %
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	40-44 (°)	43.18 °
Loss on drying	0-5 (%)	0.61 %
Appearance(S579505)	White to Off-White Powder	White to Off-White Powder
Carbon NMR Spectrum	conforms to structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager