

## Certificate of Analysis

Date of Testing: 2024-02-20 14:02:25  
Date of Next Testing: 2028-02-19 14:02:25  
Product Name: **Sodium deoxycholate**  
CAS Number: 302-95-4  
Specifications & Purity: 97%  
Lot #: B2401293  
SKU #: **S579505**  
**Analysis: 316882**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )(anhydrous)	96.5-102.5 (%)	99.14 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	40-44 (°)	42.09°
Loss on drying	0-5 (%)	3.60 %
Appearance(S579505)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass
Carbon NMR Spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager