

Certificate of Analysis

Date of Testing: 2025-03-28 09:45:57

Date of Next Testing: 2029-03-27 09:45:57

Product Name: **Sodium deoxycholate**

CAS Number: 302-95-4

Specifications & Purity: $\geq 98\%$

Lot #: C2520613

SKU #: **S104198**

Version: **0**

Analysis #: **483754**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO_4)(calcd.on anh.substance)	97.5-102.5 (%)	101.23 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	40-44 (°)	43.18 °
Loss on drying	0-5 (%)	0.61 %
Appearance (S104198)	White to Off-White Powder	White to Off-White Powder
Solubility in H_2O , Colorless to Faint Yellow , Clear , 50 mg/ml H_2O	pass	Pass
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager