

## Certificate of Analysis

Date of Testing: 2023-08-29 10:59:24  
Date of Next Testing: 2027-08-28 10:59:24  
Product Name: **Sodium deoxycholate**  
CAS Number: 302-95-4  
Specifications & Purity: 98%  
Lot #: H2325435  
SKU #: **S104198**  
**Analysis:** **263302**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values                 | Result                       |
|---|------------------------------|------------------------------|
| Purity(Titration by HClO <sub>4</sub> )(calcd.on anh.substance)                                   | 97.5-102.5 (%)               | 99.69%                       |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)                                   | 40-44 (°)                    | 43.21°                       |
| Loss on drying  | 0-5 (%)                      | 1.76%                        |
| Appearance (S104198)  | White to Off-White<br>Powder | White to Off-White<br>Powder |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml<br>H <sub>2</sub> O | pass                         | Pass                         |
| Carbon NMR Spectrum   | Conforms to Structure        | Conforms to Structure        |



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