

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-13 11:54:36  
Date of Next Testing: 2027-01-12 11:54:36  
Product Name: **Sodium deoxycholate**  
CAS Number: 302-95-4  
Specifications & Purity: 98%  
Lot #: A2309418  
SKU #: **S104198**  
**Analysis:** **179002**  
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 (%)               | 97.57 %                      |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)                                   | 40-44 (°)                    | 42.16 °                      |
| Loss on drying  | 0-5 (%)                      | 0.18 %                       |
| Appearance (S104198)  | White to Off-White<br>Powder | White to Off-White<br>Powder |
| Carbon NMR Spectrum   | Conforms to Structure        | Conforms to Structure        |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml<br>H <sub>2</sub> O | pass                         | Pass                         |



John Su  
QA & QC Manager