

## Certificate of Analysis

Date of Testing: 2023-04-12 16:00:19

Date of Next Testing: 2026-04-11 16:00:19

Product Name: **Lithocholic acid 3-sulfate disodium salt**

CAS Number: 64936-81-8

Specifications & Purity:  $\geq 98\%$

Lot #: C2331623

SKU # **L335790**

**Analysis:** **181423**

Storage Temperature: Store at -20°C

| Parameter                                                   | Limit Values             | Result                   |
|-------------------------------------------------------------|--------------------------|--------------------------|
| Purity(HPLC)                                                | 98-100 (%)               | 100.00000 %              |
| Specific Rotation $[\alpha]_{20/D}(c=0.5, \text{Methanol})$ | 36.9-37.9 (°)            | 37.21000 °               |
| NMR Spectrum 1H                                             | Conforms to Structure    | Conforms to Structure    |
| LC-MS for identification                                    | Conforms                 | Conforms                 |
| Appearance(L335790)                                         | White to Off-White Solid | White to off-white solid |



John Su  
QA & QC Manager