

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-04 16:55:30

Date of Next Testing: 2030-07-03 16:55:30

Product Name: **Sodium Cholate**

CAS Number: 361-09-1

Specifications & Purity: Moligand™, ≥98%

Lot #: F2630710

SKU #: **S161419**

Version: **0**

Analysis #: **610115**

Storage Temperature: Room temperature

| Parameter                                                                   | Limit Values                                  | Result                                        |
|-----------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=0.6 in EtOH)                       | 33-37 (°)                                     | 33.82700°                                     |
| Drying loss(110°C)                                                          | 0-5 (%)                                       | 4.47639 %                                     |
| Purity(Titration by HClO <sub>4</sub> )(calcd.on anh.substance)             | 97.5-102.5 (%)                                | 97.56000 %                                    |
| Appearance (S161419)                                                        | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                                         | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow ,Clear,100 mg/mL | pass                                          | Pass                                          |
| Infrared spectrum                                                           | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager