

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-23 15:38:43

Date of Next Testing: 2027-04-22 15:38:43

Product Name: **Lithocholic acid**

CAS Number: 434-13-9

Specifications & Purity: Moligand™, ≥95%

Lot #: D2318157

SKU #: **L131642**

Version: **1**

Analysis #: **113073**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	183-188 (°C)	185.73000 °C
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	33-38 (°)	35.29700 °
Purity(Neutralization titration)	96.5-103.5 (%)	101.89200 %
Purity(HPLC)	95-100 (%)	99.13000 %
Appearance (L131642)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager