

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-28 11:16:20  
Date of Next Testing: 2030-02-27 11:16:20  
Product Name: **Cholic acid**  
CAS Number: 81-25-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2624046  
SKU #: **C103690**  
Version: **1**  
Analysis #: **653568**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	98.68%
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	35-37 ( $^{\circ}$ )	35.46 $^{\circ}$
Loss on drying(135 $^{\circ}$ C)	0-1 (%)	0.16%
Purity(HPLC)	98-100 (%)	99.85300%
Melting point	197-202 ( $^{\circ}$ C)	201.85000 $^{\circ}$ C
Appearance (C103690)	white to beige powder	white to beige powder
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Faint Yellow Clear to Hazy,50mg/ml	pass	Pass



John Su  
QA & QC Manager