

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-05 13:59:44

Date of Next Testing: 2029-02-04 13:59:44

Product Name: **Cholic acid**

CAS Number: 81-25-4

Specifications & Purity: $\geq 98\%$

Lot #: A2521095

SKU #: **C103690**

Version: **1**

Analysis #: **454777**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	98.13 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	35-37 (°)	35.69°
Loss on drying(135°C)	0-1 (%)	0.19 %
Purity(HPLC)	98-100 (%)	99.70900 %
Melting point	197-202 (°C)	201.75000 °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