

Certificate of Analysis

Date of Testing: 2024-09-11 16:01:53

Date of Next Testing: 2028-09-10 16:01:53

Product Name: **Cholic acid**

CAS Number: 81-25-4

Specifications & Purity: 98%

Lot #: I2403277

SKU # **C103690**

Version **1**

Analysis #: **400397**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	98.93 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	35-37 (°)	35.47 °
Purity(HPLC)	98-100 (%)	99.60300 %
Loss on drying(135°C)	0-1 (%)	1.00 %
Melting point	197-202 (°C)	201.97000 °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