

Certificate of Analysis

Date of Testing: 2025-06-10 10:35:26

Date of Next Testing: 2029-06-09 10:35:26

Product Name: **Cholic acid**

CAS Number: 81-25-4

Specifications & Purity: $\geq 98\%$

Lot #: I2102095

SKU # **C103690**

Version **1**

Analysis #: **522383**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	101.50 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	35-37 (°)	36.69°
Loss on drying(135°C)	0-1 (%)	0.05 %
Purity(HPLC)	98-100 (%)	98.42000 %
Melting point	197-202 (°C)	201.25800 °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