



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number: 023552

Chemical Formula: C<sub>24</sub>H<sub>40</sub>O<sub>4</sub>

Product Name: CHENODEOXYCHOLIC ACID

Molecular Weight: 392.57

CAS Number: [474-25-9]

Lot Number: 1707835

ITEMS	RESULTS	SPECIFICATION
Appearance	Off White Powder	White or Off White Powder
Solubility	Conform	Very slight soluble in water, freely soluble in methanol.
Identification	Conform	A. By HPLC. The RT of the principle peak of the sample preparation should match the principle peak of the standard preparation of the chenodeoxycholic acid. B. Color Test. The suspension obtained is greenish blue.
Specific Rotation	+12.5°	+11.0° to +14.0°
Related Substances by HPLC-RI	0.41%	Cholic acid: NMT 1.0%
	0.36%	Deoxycholic Acid NMT 1.0%
	0.52%	Lithocholic acid: NMT 1.0%
	Conform	Other total impurities NMT 3.0%
	97.16%	Chenodeoxycholic acid: NLT 95.0%
Assay by Titrimetry(ODB)	99.32%	NLT 98.0%
Loss on Drying	0.80%	≤1.5%
Ashes	0.08%	≤0.2%
Heavy Metals	Conform	≤20.0ppm

Storage: store in cool & dry place, keep away from strong light and heat

