



75 Price Parkway,
Farmingdale, NY 11735
(631) 450-4357

BRAND INTERNATIONAL, INC.

Certificate of Analysis

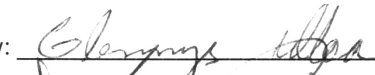
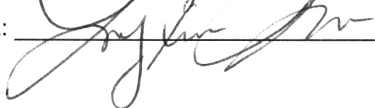
Product Name:	TUDCA Tauroursodeoxycholic acid
Prepared for:	Double Wood LLC, 3510 Scotts Lane Suite 219 Philadelphia, PA 19129
Code No:	NSI-2159C
Lot No:	2329102
Batch Size	3,000,000
Manufacturing Date	November, 2023
Expiration Date	November, 2025
Product Description	Size #1 clear gelatin capsule filled with white powder blend
Average fill weight (10 capsules)	2.80 gm ±5%
Average filled weight (10 capsules)	3.50 gm ±5%
Disintegration Time	Passes as per USP <2040> Current
Weight variation	Passes as per USP <2091>Current

2 Capsules Contains

Active Ingredients	Claim	Result	Method
Tauroursodeoxycholic Acid	500 mg	502.27 mg	HPLC

Microbial Analysis	Microbial Specification	Results	Method
Total Bacterial Count	NMT 10,000 CFU/gram	<100 CFU/gram	USP (2022)
Total Mold & Yeast Count	NMT 1,000 CFU/gram	Pass	USP (2022)
E. Coli	Negative	Pass	USP (2022)
Salmonella/Shigella	Negative	Pass	USP (2022)

Heavy Metal Analysis	Heavy Metals Specifications	Results	Method
Lead (Pb)	NMT 0.5 mcg/Daily Dose	0.0025 mcg/2 capsules	ICP-MS
Mercury (Hg)	NMT 2.0 mcg/Daily Dose	0.0025 mcg/2 capsules	ICP-MS
Arsenic (As)	NMT 10 mcg/Daily Dose	0.0102 mcg/2 capsules	ICP-MS
Cadmium (Cd)	NMT 4.1 mcg/Daily Dose	0.0025 mcg/2 capsules	ICP-MS

Review:  Glennys Ulloa Date: 12/27/23
 QC/QA:  Long Tran Date: 12/27/23