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ISO/IEC 17025:2017 Accreditation No. 113907

Certificate of Analysis

Product Name:	CDP Choline (Citicoline)
Prepared for:	Double Wood LLC, 3510 Scotts Lane Suite 219 Philadelphia, PA 19129
Code No:	VGL-1708C
Lot No:	2303403
Batch Size	900,000
Manufacturing Date	April, 2023
Expiration Date	April, 2024
Product Description	Size #0 clear gelatin capsule filled with white powder blend
Average fill weight (10 capsules)	4.20 gm \pm 5%
Average filled weight (10 capsules)	5.20 gm \pm 5%
Disintegration Time	Passes as per USP <2040> Current
Weight variation	Passes as per USP <2091>Current

Each 1 Capsule Contains

Active Ingredients	Claim	Result	Method
CDP Choline (citicoline)	300 mg	315.5 mg	HPLC

Other Ingredients: Gelatin (capsule), Cellulose, Silicon Dioxide

Microbial Analysis	Microbial Specification	Results	Method
Total Bacterial Count	NMT 10,000 CFU/gram	PASS	Biolumix
Total Mold & Yeast Count	NMT 1,000 CFU/gram	PASS	Biolumix
E. Coli	Negative	Absent	Biolumix
Salmonella/Shigella	Negative	Absent	Biolumix

Heavy Metal Analysis	Heavy Metals Specifications	Results	Method
Lead (Pb)	NMT 0.5 mcg/Daily Dose	0.063 mcg /1 Capsule	ICP-MS
Mercury (Hg)	NMT 2.0 mcg/Daily Dose	<0.013 mcg/1 capsule	ICP-MS
Arsenic (As)	NMT 10 mcg/Daily Dose	0.439 mcg/1 Capsule	ICP-MS
Cadmium (Cd)	NMT 4.1 mcg/Daily Dose	<0.006 mcg/1 Capsule	ICP-MS

*In Accordance with 21 CFR § 11.75 result is substantiated through component testing and/or examination: in-process testing, examination, and/or monitoring: and other aspects of the established Production and Process Control System (PPCS)

D. Spiccamo

Quality Control
4/13/2023