



Double Wood LLC
 3510 Scotts LN STE 219
 Philadelphia, PA 19129-1573

CERTIFICATE OF ANALYSIS

Product Name: CDP Choline (Citicoline)

Lot# 010521

Date: 2/3/2021

Prepared for: Double Wood LLC

Description

Code No	VGL-1708C
Control No./Lot	010521
Batch Size	720,000
Date Of Manufacture	January, 2021
Date Of Expiration	January, 2023
Description	#0 White Gelatin Capsule filled with white Powder Blend
Average Fill Weight (10 Capsules)	4.20 gm ± 5%
Average Filled Capsule Weight (10 Capsules)	5.20 gm ± 5%
Disintegration Time (USP:<2040>)	Passes As Per USP<2040>Current
Weight Variation	Passes As Per USP<2091>Current

ASSAY: AS PER 1 CAPSULE

<u>ACTIVE INGREDIENTS</u>	<u>Label claim/capsule</u>	<u>Result</u>	<u>Method</u>
CDP Choline (citicoline)	300 mg	300 mg	PPCS*

Other Ingredients: Microcrystalline cellulose, Silicon Dioxide, Gelatin (Capsule)

*In accordance with 21 CFR 111.75 c or d ingredient test method is substantiated through Quantitative Analysis, testing, and/or examination; in-process testing, examination, and/or monitoring, and other aspects of the established Production and Process Control System (PPCS)

MICROBIOLOGICAL CONTAMINANTS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT/Method</u>
TOTAL BACTERIAL COUNT	NMT 10,000 cfu/g	Pass-NSMB9-01Biolumix
TOTAL YEAST & MOLD (Y&M)	NMT 1000 cfu/g	Pass-NSMB9-01Biolumix
SALMONELLA SP.	Negative	Pass-NSMB9-01Biolumix
E.Coli	Negative	Pass-NSMB9-01Biolumix

HEAVY METAL TEST

<u>Test</u>	<u>Specification</u>	<u>Result</u>	<u>Method</u>
Lead (Pb)	NMT 0.5 mcg/1 capsule	0.050 mcg/1 capsule	ICP-MS
Mercury (Hg)	NMT 2.0 mcg/1 capsule	0.001 mcg/1 capsule	ICP-MS
Arsenic (As)	NMT 10 mcg/1 capsule	0.001 mcg/1 capsule	ICP-MS
Cadmium (Cd)	NMT 4.1 mcg/1 capsule	0.001 mcg/1 capsule	ICP-MS

QUALITY CONTROL DEPARTMENT

Vita-gen Labs

Date

2/3/21