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ISO/IEC 17025:2017 Accreditation No. 113907

## Certificate of Analysis

Product Name:	<b>N-Acetyl-Cysteine</b>
Prepared for:	Double Wood LLC, 3510 Scotts Lane Suite 219 Philadelphia, PA 19129
Code No:	VGL-4156C
Lot No:	2306000
Batch Size	5,250,000
Manufacturing Date	June, 2023
Expiration Date	June, 2025
Product Description	Size #00 clear veggie capsule filled with white powder blend
Average fill weight (10 capsules)	7.60 gm $\pm$ 5%
Average filled weight (10 capsules)	8.70 gm $\pm$ 5%
Disintegration Time	Passes as per USP <2040> Current
Weight variation	Passes as per USP <2091>Current

### 2 Capsule Contain

Active Ingredients	Claim	Result	Method
N Acetyl Cysteine	1000 mg	1002.88 mg	HPLC

**Other Ingredients:** Hypromellose (capsule), rice flour, cellulose, silicon dioxide, vanilla flavor

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	0.043 mcg /2 Capsules	ICP-MS
Mercury (Hg)	NMT 2.0 mcg/Daily Dose	<0.015 mcg/2Capsules	ICP-MS
Arsenic (As)	NMT 10 mcg/Daily Dose	<0.007 mcg/2 capsules	ICP-MS
Cadmium (Cd)	NMT 4.1 mcg/Daily Dose	<0.007 mcg/2Capsules	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. DiGiorgio*

Quality Control  
6/19/2023