## Certificate of Analysis

| Product Name: | Sulforaphane |
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| Prepared for: | Double Wood LLC, 3510 Scotts Lane Suite 219 <br> Philadelphia, PA 19129 |
| Code No: | VGL-4388C |
| Lot No: | $2202-52$ |
| Batch Size | 840,000 |
| Manufacturing Date | May, 2022 |
| Expiration Date | May, 2024 |
| Product Description | $\# 4$ clear veggie capsule filled with light brown powder blend |
| Average fill weight (10 capsules) | 1.27 gm $\pm 5 \%$ |
| Average filled weight (10 capsules) | $1.67 \mathrm{gm} \pm 5 \%$ |
| Disintegration Time | Passes as per USP <2040> Current |
| Weight variation | Passes as per USP <2091>Current |

## Each 2 Capsules Contains

| Active Ingredients | Claim | Result | Method |
| :---: | :---: | :---: | :---: |
| Sulforaphane (from Broccoli seed extract) | 20 mg | 20.50 mg | HPLC |

Other Ingredients: Hypromellose (capsule), Rice flour

| 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 $0.5 \mathrm{mcg} /$ Daily Dose | $0.0089 \mathrm{mcg} / 2$ Capsule | ICP-MS |
| Mercury $(\mathrm{Hg})$ | NMT $2.0 \mathrm{mcg} /$ Daily Dose | $0.0041 \mathrm{mcg} / 2 \mathrm{capsule}$ | ICP-MS |
| Arsenic (As) | NMT $10 \mathrm{mcg} /$ Daily Dose | $0.0086 \mathrm{mcg} / 2 \mathrm{Capsule}$ | ICP-MS |
| Cadmium (Cd) | NMT $4.1 \mathrm{mcg} /$ Daily Dose | $0.0006 \mathrm{mcg} / 2$ Capsule | ICP-MS |

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

