



1019 Grand Blvd, Deer Park, NY 11729, Ph: 631 392 1900. www.nutrasolutionsusa.com
 ISO/IEC 17025:2017 Accreditation No. 113907

Certificate of Analysis

| | |
|-------------------------------------|---|
| Product Name: | Dihydromyricetin |
| Prepared for: | Double Wood LLC, 3510 Scotts Lane Suite 219 Philadelphia, PA 19129 |
| Code No: | NSI-3996-30 |
| Lot No: | 2306802-1 |
| Batch Size | 400,000 |
| Manufacturing Date | May, 2023 |
| Expiration Date | May, 2025 |
| Product Description | Size #0 white gelatin capsule filled with off-white powder blend |
| Average fill weight (10 capsules) | 3.15 gm \pm 5% |
| Average filled weight (10 capsules) | 4.15 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 |
|--|--------|--------|--------|
| Dihydromyricetin (<i>Ampelopsis grossedentata</i>) | 300 mg | 333 mg | HPLC |

Other Ingredients: Gelatin (Capsule)

| 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 | 0.024 mcg /1 Capsule | ICP-MS |
| Mercury (Hg) | NMT 2.0 mcg/Daily Dose | <0.023 mcg/1 capsule | ICP-MS |
| Arsenic (As) | NMT 10 mcg/Daily Dose | <0.026 mcg/1 Capsule | ICP-MS |
| Cadmium (Cd) | NMT 4.1 mcg/Daily Dose | <0.012 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. Saccone

**Quality Control
5/9/2023**