

Certificate of Analysis



Product Name **Pure Organic Full Spectrum *Coriolus versicolor* (Yunzhi)**
 Lot Number CV080414
 Manufacturing Date April 2014
 Expiration Date April 2017
 Common Names Turkey tails
 Also Known As *Trametes versicolor*
 Parts used **Full Spec Myco™**: Consists of mycelium, fruit body, primordia, spores and extracellular compounds produced throughout entire life cycle.

| Physical Test | Release Limits | Test Results | Test Method |
|---------------|----------------|--------------|--------------|
| Appearance | Brown powder | Pass | Visual |
| Odor | Characteristic | Pass | Organoleptic |

Analytical Analysis

| Test Description | Release Limits | Test Results | Test Method |
|------------------------------|----------------|--------------|--------------------------|
| Moisture | <7% | 0.66% | AOAC 930.15 |
| Total Polysaccharide Content | >30% | 83% | Modified Megazyme Method |
| 1,3-1,6 Beta Glucan Content | >15% | 31% | Modified Megazyme Method |
| Alpha Glucan Content | <10% | 0.7% | Modified Megazyme Method |

Microbiological Analysis

| Test Description | Release Limits | Test Results | Test Method |
|--------------------------|------------------|---------------------------|----------------------|
| Total Plate Count | <10,000 cfu/g | <10 cfu/g | AOAC 966.23 |
| Yeast and Mold | <500 cfu/g | <10 cfu/g | FDA BAM |
| Total Coliforms Bacteria | <30 MPN/g | Below limits of detection | AOAC 966.24 |
| E. Coli | <3 MPN/g | Below limits of detection | AOAC 988.19 |
| Staphylococcus aureus | <10 cfu/g | Below limits of detection | AOAC 2003.07 |
| Salmonella spp. | Negative per 25g | Negative | Modified AOAC 998.09 |

Heavy Metals

| Test Description | Release Limits | Test Results | Test Method |
|------------------|---|--------------|------------------|
| (As) Arsenic | Total of the heavy metals not to exceed 10 ppm and no single metal to exceed 5 ppm | 0.024 ppm | ICP-MS USP <730> |
| (Cd) Cadmium | | 0.020 ppm | ICP-MS USP <730> |
| (Pb) Lead | | 0.057 ppm | ICP-MS USP <730> |
| (Hg) Mercury | | 0.005 ppm | ICP-MS USP <730> |

Origin: USA - Cultivated in sterile tissue culture - 100% USDA Organic

Store in a cool dry place away from light in tightly closed containers.
 Avoid moisture and extreme variations in temperature.

I certify that this certificate is true and correct to the best of my knowledge.

Brandon Bruzzese

Brandon Bruzzese
 Quality Control
 Aloha Medicinals, Inc.
 Date of Issue: April 16, 2014

