



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

BOTANICAL IDENTIFICATION

Product Name: Chitosan >50.0% Deacetylated (DAC)
Origin: USA

| <u>ANALYSIS</u> | <u>SPECIFICATION</u> | <u>RESULT</u> | <u>TEST</u> |
|---------------------|----------------------|---------------|-------------|
| Description | Powder | Powder | Visual |
| Identification | Positive | Conform | Visual |
| Color | Off-White | Conform | Visual |
| Odor | Characteristic | Strong Odor | Olfactory |
| Solubility in Water | Insoluble | Conform | |
| Protein | <4.0% | 2.1% | |
| Ash | 2.00% Max | 1.3% | |
| Moisture | 7.0% Max | Conforms | |
| Heavy Metals | ≤10.0ppm | Conforms | |
| (Pb) | ≤1ppm | Conforms | |
| (As) | ≤1ppm | Conforms | |
| (Hg) | ≤1ppm | Conforms | |
| Deacetylated (DAC) | >50.0% | Conforms | |
| Mesh Size | Through 60-80 mesh | | |

MICROBIOLOGICAL

| | | | |
|-------------------|--------------|------------|------------|
| Total Plate Count | ≤10,000cfu/g | Conform | AOAC |
| Yeast & Mold | ≤100cfu/g | Conform | FDA BMA |
| Coliform | ≤100cfu/g | Conform | AOAC |
| E. coli | Absent/10g | Absent/10g | USP <2021> |
| Salmonella | Negative | Negative | FDA BAM |
| S. Aureus | Negative | Negative | FDA BAM |

Storage:

Store in a tightly, sealed container in a cool and dry area.

Keep away from strong light and heat.

This product is Non-GMO.

This product is not treated with ETO, nor is it Gamma irradiated.