



**CERTIFICATE OF ANALYSIS**

**IDENTIFICATION**

Product Name: Polygonatum (Solomon's Seal) Powder  
Botanical Name: Polygonatum Multiflorum  
Batch: PMUL/17-03-072  
Product Code: PMUL1000ST  
Part Used: Rhizome  
Country of Origin: USA  
Manuf. Date: 09-2016  
Retest Date: 09-2019

**ANALYSIS**

**SPECIFICATION**

**RESULT**

**TEST**

|                |                     |          |              |
|----------------|---------------------|----------|--------------|
| Description    | Powder              | Powder   | Visual       |
| Identification | Positive            | Conform  | Visual       |
| Color          | Brownish            | Lt Brown | Visual       |
| Taste          | Characteristic      | Conform  | Organoleptic |
| Odor           | Characteristic      | Conform  | Organoleptic |
| Moisture       | 12.0% Max           | 6.0%     | AOAC         |
| Heavy Metals   | ≤15ppm              | <15ppm   |              |
|                | (Pb) ≤3ppm          | <1ppm    |              |
|                | (As) ≤2ppm          | <1ppm    |              |
|                | (Cd) ≤2ppm          | <1ppm    |              |
|                | (Hg) ≤1ppm          | <1ppm    |              |
| Mesh Size      | Through USS 40 mesh | 100%     | USS Sieving  |

**MICROBIOLOGICAL**

|                   |               |              |             |
|-------------------|---------------|--------------|-------------|
| Total Plate Count | ≤500,000cfu/g | 100,000cfu/g | FDA BAM 8th |
| Yeast             | ≤1,000cfu/g   | 100cfu/g     | FDA BAM 8th |
| Mold              | ≤1,000cfu/g   | 1,000cfu/g   | FDA BAM 8th |
| Confirms          | ≤500cfu/g     | 100cfu/g     | FDA BAM 8th |
| E coli            | Absent/10g    | Absent/10g   | USP <2021>  |
| Salmonella        | Negative/25g  | Negative/25g | AOAC 998.09 |

**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. Product is not treated with ETO, non irradiated

\*\*Above data is based on the analysis provided by the manufacturer and is offered as a service to our customer and is not intended to relieve a customer from its responsibility to determine the suitability of this information or of the material described. Ecuadorian Rainforest, suggest that you evaluate the product on a laboratory scale prior to use in a finished product\*\*

QC: \_\_\_\_\_

5/17/2017

Date: \_\_\_\_\_