

Certificate of Analysis

Product Name: **5-HTP**
 CAS#: **4350-09-8**
 Source: **Fermentation (Non-GMO Corn Seed)**
 Residual Solvents: **Ethanol \leq 5000 ppm**
 Country of Origin: **China**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
5-HTP (HPLC)	\geq 99%	99.22%
Peak X (HPLC)	Negative	N.D. <1 ppm
Arsenic	\leq 0.5 ppm	<0.0100 ppm
Cadmium	\leq 0.1 ppm	<0.00500 ppm
Lead	\leq 0.5 ppm	<0.00500 ppm
Mercury	\leq 0.1 ppm	<0.00500 ppm
Aerobic Plate Count	\leq 1000 cfu/g	Not Detected
Yeast & Mold	\leq 100 cfu/g	Not Detected
Coliforms	\leq 100 cfu/g	Not Detected
<i>E. Coli</i>	Negative	Absent
<i>Salmonella</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White to off-white powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	IR	Positive
pH	4.5-6.5	5.0
Loss on Drying	\leq 1.0%	0.1%
Ash	\leq 0.3%	0.15%
Particle Size	98% pass 80 mesh	Conforms
Specific Rotation (20°C)	-30.0°~-35.0°	-32.8°
Total Impurity	\leq 0.5%	0.2%
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Additional Information: Non-Allergen || Vegan || BSE/TSE Free || Gluten-Free || No Animal Testing || GRAS

GMO Statement: Non-GMO

Sterilization: Non-Irradiated

Composition: 99% 5-HTP
 \leq 1% Impurity & Ignition Residue

Storage Conditions: **Keep in sealed container under 25°C.**
Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson

(This document was produced electronically and is valid without signature.)