

Certificate of Analysis

Product Name:	Ashwagandha Extract
Botanical Name:	<i>Withania Somnifera</i>
Part Used:	Herb
Extraction Solvent(s):	Hydroalcohol
Country of Origin:	India
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Loss on Drying (USP<731>)	≤8%	5.06%
Withanolides by Gravimetric Method	≥5%	6.80%
Withanoloids (HPLC)	≥2.5%	4.25%
Arsenic	≤2.0 ppm	0.0615 ppm
Cadmium	≤0.3 ppm	0.0142 ppm
Lead	≤2.0 ppm	0.0614 ppm
Mercury	≤0.1 ppm	<0.00500 ppm
Aerobic Plate Count	≤10,000 cfu/g	300 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Absent	Absent
<i>Staph aureus</i>	Absent	Absent
Yeast & Mold	≤1000 cfu/g	<20 cfu/g
<i>Salmonella</i>	Absent / 25g	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	Dark Brown color powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Analytical Data		
Identification	Presence of Withanoloids	Positive
Total Ash	≤20.0%	4.28%
pH (1% w/v solution)	4-7	4.53
Bulk Density	≥0.25 gm/ml	0.52 gm/ml
Tapped Density	≥0.30 gm/ml	0.75 gm/ml
Particle Size	≥95% Passes through 40 mesh	100%
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Additional Information: Melamine Free || Gluten Free || Sugar Free || No Pesticides || BSE/TSE Free || GRAS || Vegetarian/Vegan || Sewer Sludge Used - No || Allergen Free

Composition: Ashwagandha Extract 100% Pure Extract (Does not contain any additives/carriers).

Sterilization Method: Non-EtO || Non-Irradiation

GMO Statement: Non-GMO

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: Ann Foote / Candace Gibson / Nicole Rammage

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