

Certificate of Analysis

Product Name:	Pine Bark Extract
Botanical Name:	<i>Pinus Massoniana .lamb</i>
Plant Part Used:	Bark
Extraction Solvent(s):	<i>Ethanol & Water</i>
Carrier:	None
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Proanthocyanidins (Vendors)	≥95.0%	95.72%
Loss on Drying (USP)	≤5%	4.18%
Cadmium	≤0.1 ppm	<0.005 ppm
Arsenic	≤0.5 ppm	0.0218 ppm
Lead	≤0.5 ppm	<0.005 ppm
Mercury	≤0.1 ppm	<0.005 ppm
Aerobic Plate Count	≤1000 cfu/g	<10 cfu/g
Coliforms	≤100 cfu/g	<10 cfu/g
<i>E. Coli</i>	Negative	Absent
Staph aureus	Negative	Absent
Yeast & Mold	≤100 cfu/g	<10 cfu/g
Salmonella	Negative	Absent
<i>Pseudo. aeruginosa</i>	Report Only	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	Red Brown Powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Particle Size	100% Through 80 Mesh	Conforms
Bulk Density	0.40~0.55 g/ml	Conforms
Heavy Metals	≤5.0 ppm	Conforms
Aflatoxins (B1,B2,G1, G2)	≤0.2 ppb	Conforms
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Additional Information:	Non-Allergen Gluten Free BSE/TSE Free Vegan Sewage Sludge Free
Sterilization Method:	Non-EtO & Non-Irradiated
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 / Nicole Rammage

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