

CERTIFICATE OF ANALYSIS

Product Name: Pine Pollen Powder

Country Origin: China

Batch Number: TCM20181110PP

Batch Quantity: 800kg

Plant Origin: *Pinus massoniana* Lamb.

Part Used: pollen

Manufacture Date: 10th, Nov. 2018

Expiry Date: 9th, Nov. 2018

Item	Specification	Result	Testing Method
Assay(Cell Cracked Rate)	>96%	99%	Microscope
Protein	>10%	11.5%	GB/T 5009.5-2003
Physical & Chemical Control			
Appearance	Light yellow Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Tasted	Characteristic	Complies	Organoleptic
Sieve Analysis	100% pass 300 mesh	Complies	300 mesh screen
Loss on Drying	<9%	4.5%	5g/100°C/2.5hrs
Ash	<8%	2.7%	2g/525°C/3hrs
Heavy Metal	<10ppm	Complies	
As	<1ppm	0.180ppm	AAS
Pb	<2ppm	0.325ppm	AAS
Hg	<0.2ppm	0.002ppm	AAS
Pesticides Residues	<1ppm	Negative	GC
Microbiological			
Total Plate Count	<1000cfu/g	200cfu/g	CP2010
Yeast & Mould	<100cfu/g	20cfu/g	CP2010
Salmonella	Negative	Complies	CP2010
E.Coli	Negative	Complies	CP2010
Conclusion	Complies with Q/ZBB007-2004		
Storage	In cool & dry place. Keep away from strong light and heat.		
Shelf life	2 years when properly stored.		
Package	25kg/drum. Pack in paper-drums and two plastic-bags inside		

QC: Jin Song

Analyst: Chen Long