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## CERTIFICATE OF ANALYSIS

**Product Name:** Pine Pollen  
**Country of Origin:** China  
**Lot Number:** PP071918  
**Lot Quantity:** 300 kg  
**Identity Report Date:** 8/2/18  
**Metals Report Date:** 8/2/18

**Latin Name:** *Pinus massoniana* Lamb.  
**Plant Part Used:** Pollen  
**Carrier Used:** N/A  
**Plant/Extract Ratio:** N/A  
**Microbiology Report Date:** 8/2/18

Item	Specification	Result	Testing Method
<b>Physical &amp; Chemical Control</b>			
Appearance/Color	Light Yellow Powder	Complies	Visual
Odor	Characteristic	Complies	Olfactory
Taste	Characteristic	Complies	Taste
ID	Characteristic	Complies	HPTLC IDT-SOP-72-01
Loss on Drying	XX	5.01%	USP/NF Current Ver.
<b>Heavy Metals</b>	Grade	C	EPA 3050/6020 USP73-
As	<20 ppm	0.32 ppm	-
Pb	<1 ppm	0.97 ppm	-
Hg	<0.2 ppm	<0.005 ppm	-
Cd	<4 ppm	0.44 ppm	-
<b>Microbiological</b>			
Total Plate Count	<1,000 CFU/g	<10 CFU/g	USP/NF, 61
Yeast & Mold	<50/g	<10/g	USP/NF, 61
Salmonella	Negative/10g	Negative /10g	USP/NF, 2022
E.Coli	Negative/10g	Negative /10g	USP/NF, 62
<b>Conclusion</b>			
Storage	In cool & dry place. Keep away from strong light and heat.		
Shelf life	2 years when properly stored.		
Package	Packed into paper drums and contained in two plastic bags.		

**Work Performed By:** Alkemist Labs & Silliker, Inc.  
**LEH QA:** Zane Christopher

**Date of Approval:** 8/2/18

DocuSigned by:

*Zane Christopher*

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