

Test Report

Sample description: Pine Pollen powder
Sample condition: packed in 1 aluminum foil bag(s), normal condition
Date received: 29 August 2019
Date tested: 30 August - 5 September 2019

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Test item(s)	Test method	Acc.	Unit	Result	LOD	LOQ
Aerobic Plate Count	FDA-BAM <i>Online</i> , 2001 (Chapter 3)	NA	CFU/g	4.6 × 10 ²	-	-
<i>Clostridium perfringens</i>	FDA-BAM <i>Online</i> , 2001 (Chapter 16)	NA	CFU/g	< 10	-	-
Coliform	FDA-BAM <i>Online</i> , 2017 (Chapter 4)	NA	MPN/g	< 3	-	-
<i>Escherichia coli</i>	FDA-BAM <i>Online</i> , 2017 (Chapter 4)	NA	MPN/g	< 3	-	-
<i>Staphylococcus aureus</i>	FDA-BAM <i>Online</i> , 2016 (Chapter 12)	NA	/0.1 g	Not Detected	-	-
<i>Salmonella</i> spp.	ISO 6579-1 : 2017	NA	/25 g	Not Detected	-	-
Yeasts and Molds	Compendium of Method for the Microbiological Examination of Foods (APHA), 2015, Chapter 21	NA	CFU/g	5.0 × 10 ²	-	-
Arsenic (As)	In-house method T9153 based on AOAC (2016) 986.15	NA	mg/kg	Not Detected	0.010	0.050
Cadmium (Cd)	In-house method T9166 based on AOAC (2016) 999.10	NA	mg/kg	0.23	0.007	0.05
Lead (Pb)	In-house method T9166 based on AOAC (2016) 999.10	NA	mg/kg	1.23	0.01	0.03
Mercury (Hg)	In-house method T9153 based on AOAC (2016) 986.15	NA	mg/kg	Not Detected	0.007	0.020

Remark : Acc. = ISO/IEC 17025 Accredited
 NA = Non Accredited
 LOD = Limit of Detection
 LOQ = Limit of Quantitation
 DL = Detection limit of instrument
 < 3 = growth was not found
 < 10 = growth was not found
 en = estimated number

Approved by



Mrs. Prachern Nakpan
 Responsible for the Technical management
 6 September 2019

This report is certified only on the sample tested and the results apply to the sample as received.

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