

Customer:
Pure Mangosteen Pericarp

EA Sample ID: 25EA0211-009
Sample Name: Mangosteen peel and pericarp
Sample Type: Powder
Batch/Lot: 02012025

Date Received:
02/12/2025
Date Completed:
02/16/2025



ETHOS
ANALYTICS

CERTIFICATE OF ANALYSIS

Summary of Results

<u>Analysis Type</u>	<u>Method</u>	<u>Date Tested</u>	<u>Status</u>
Heavy Metals	ICP-MS	02/15/2025	Pass
Microbiological	Petrifilm/qPCR	02/16/2025	Pass



Serving Size: N/A

Heavy Metal Analysis (USP <233>)

<u>Analyte</u>	<u>Result (ppm)</u>	<u>LOQ (ppm)</u>	<u>LOD (ppm)</u>	<u>Limit (mcg/day)</u>	<u>Pass/Fail</u>
Arsenic	<LOQ	0.010	0.005	1.5	Pass
Cadmium	0.346	0.010	0.005	0.5	Pass
Lead	0.363	0.010	0.005	0.5	Pass
Mercury	<LOQ	0.010	0.005	1.0	Pass

Microbiological Analysis (USP <2021>, USP <2022>)

<u>Microbe</u>	<u>Result</u>	<u>Limit</u>	<u>Pass/Fail</u>
Total Aerobic Plate	7,600 CFU/g	<10,000 CFU/g	Pass
Coliform	<20 CFU/g	<100 CFU/g	Pass
Yeast	<20 CFU/g	<300 CFU/g	Pass
Mold	100 CFU/g	<300 CFU/g	Pass
Escherichia Coli	Negative/10g	Negative/10g	Pass
Salmonella	Negative/10g	Negative/10g	Pass
Staphylococcus Aureus	Negative/10g	Negative/10g	Pass

NOTES:

CFU = Colony Forming Unit
NS = Not Specified
NT = Not Tested

LOQ = Limit of Quantification
LOD = Limit of Detection



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Noel Samsum
Laboratory Director
16-Feb-2025

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.