



ISO/IEC 17025:2017
PJLA Accreditation #: 75696
Accreditation Field: Testing
lab@summitnutritional.com

Report Number: 231207 009-02
Date Reported: 12/13/2023
Date(s) Tested: 12/07/2023 - 12/13/2023

Sample Details

Product #: Maca Plus
Description: Maca Plus
Lot #: MAC231202
Received: 12/7/2023 9:48:45 AM



Sample Details:

Certificate of Analysis

Chemistry	Method	Specifications	Result	Units
Heavy Metals				
Arsenic	USP <2232>	< 1.5	0.205	ppm
Cadmium	USP <2232>	< 0.5	0.409	ppm
Lead	USP <2232>	< 0.5	0.430	ppm
Mercury	USP <2232>	< 1.5	< 0.001	ppm
Physical				
Appearance	SNL MA.202	Powder	Powder	
Color	SNL MA.202	Brown	Brown	
Odor	SNL MA.202	Characteristic	Characteristic	
Identity Test By NIR	USP {1119}	Maca Plus	Confirmed	
NIR Identity Distance	USP {1119}	< 0.076957	0.014570	
NIR Identity Spectra Residual	USP {1119}	< 0.040683	0.004614	

Microbiology	Method	Specifications	Result	Units
Total Plate Count	AOAC Modified	< 100000	38000	cfu/g
Total Coliform	AOAC 2018.13 Petrifilm	< 1000	<10	cfu/g
E.coli	PCR	None Detected	None Detected	cfu/10g
Salmonella spp.	PCR	None Detected	None Detected	cfu/10g
Staphylococcus aureus	PCR	None Detected	None Detected	cfu/10g
Yeasts & Molds	AOAC Modified	< 10000	<100	cfu/g

Report Approved by:

Joel Nelson
Laboratory Manager

*= Please review Client Specifications

#=Indicates an ISO/IEC 17025:2017 accredited analysis. To review the full scope of accreditation, visit www.summitnutritional.com

Report Numbers that have been revised or amended will include a revision number.

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