Certificate of Analysis

Effective Date: 2/9/24

Material Information

Material Name	Marshmallow root, cs Organic	Latin Name	Althaea officinalis
Lot Number	MARS-3035		

Physical Characteristics

Color	White to beige	Aroma	Mild, slightly sweet, earthy	Taste	Mild, slightly sweet, earthy
Part	Root	Form	Cut and Sift	Size	Cut and Sift (approx. 1/4" cut)
Sterilization Method				STEAM TREATED	

Allergen Information

Allergen Category	NONE	Allergen Name	NONE	Allergen Form	NONE

Material Dates

Shelf Life	3 YEARS	Manufacture Date	6.1.2025	Retest Date	6.1.2028

Certifications

Certified Organic	ORGANIC	Certified Kosher	KOSHER	Wild Crafted	N/A

Product Chemistry Information

Test Name	Method	Release Limit	Results	Determination
Total Plate Count	Petrifilm AOAC 990.12	100,000 CFU/G	300 CFU/g	Pass
Yeast	Petrifilm AOAC 2014.05	10,000 CFU/G	<10 CFU/G	Pass
Mold	Petrifilm AOAC 2014.05	10,000 CFU/G	10 CFU/G	Pass
Total Coliform	Petrifilm AOAC 991.14	1,000 CFU/G	<10 CFU/G	Pass
E. Coli	Petrifilm AOAC 991.14	NEGATIVE	NEGATIVE	Pass
Salmonella	BAX (PCR) AOAC 2013.02	NEGATIVE /25G	NEGATIVE /25G	Pass
Arsenic	#C55 AOAC 2015.01	1 PPM	0.16 PPM	Pass
Cadmium	#C55 AOAC 2015.01	1 PPM	0.10 PPM	Pass
Lead	#C55 AOAC 2015.01	3 PPM	0.82 PPM	Pass
Mercury	#C55 AOAC 2015.01	1 PPM	NOT DETECTED	Pass

Moisture Content: 7.22 %

Foreign Material Information

Foreign Matter	Method	Release Limit	Results	Determination	Notes
Organic	Visual and Metal Detection	< 2.0% Pieces by Weight	Pass	Pass	< 4.0mm ferrous metals, < 4.0mm Nonferrous metals, < 4.0mm Stainless Steel
Inorganic	Visual and Metal Detection	< 2.0% Pieces by Weight	Pass	Pass	< 4.0mm ferrous metals, < 4.0mm Nonferrous metals, < 4.0mm Stainless Steel

No pesticides were used to grow this product. This product is free of any additives or preservatives. No solvents were used to produce this product, nor excipients. Store under cool, dry conditions in sealed container.

This is a natural product. Organoleptic properties may vary between each lot due to crop fluctuation, treatment, harvest and other natural processes.

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