Certificate of Analysis

Type: Certificate of Analysis

Material Information

Material Name:	Milk thistle seed
Latin Name:	Silybum marianum
Lot Number:	MTS5202B

Physical Characteristics

Color:	Brown to dark brown
Aroma:	Mild, slightly nutty, earthy
Taste:	Mild, slightly nutty, earthy
Part:	Seed
Form:	Whole
Size:	Generally 1/4" to 1/2"
Sterilization Method:	STEAM TREATED

Allergen Information

Allergen Category:	None
Allergen Name:	None
Allergen Form:	None

Material Dates

Material Shelf-Life:	3 years
Manufacture Date:	3/26/2025
Retest Date:	3/26/2028

Certifications

Certified Organic:	N/A
Certified Kosher:	Kosher
Wild Crafted:	N/A

Product Chemistry Information

Test Name	Method	Release Limit	Results	Determination	Sampling Info
Total Plate Count	Petrifilm AOAC 990.12	10,000,000 CFU/G	<10 CFU/G	Pass	1 pound
Yeast	Petrifilm AOAC 2014.05	10,000 CFU/G	<10 CFU/G	Pass	1 pound
Mold	Petrifilm AOAC 2014.05	10,000 CFU/G	<10 CFU/G	Pass	1 pound
Total Coliform	Petrifilm AOAC 991.14	1,000 CFU/G	<10 CFU/G	Pass	1 pound

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Test Name	Method	Release Limit	Results	Determination	Sampling Info
E. Coli	Petrifilm AOAC 991.14	NEGATIVE	NEGATIVE	Pass	1 pound
Salmonella	BAX (PCR) AOAC 2013.02	NEGATIVE /25G	NEGATIVE /25G	Pass	1 pound
Arsenic	#C55 AOAC 2015.01	1 PPM	0.1 PPM	Pass	1 pound
Cadmium	#C55 AOAC 2015.01	1 PPM	0.18 PPM	Pass	1 pound
Lead	#C55 AOAC 2015.01	3 PPM	Not Detected	Pass	1 pound
Mercury	#C55 AOAC 2015.01	1 PPM	Not Detected	Pass	1 pound

Foreign Material Information

Organic (Visual & Metal Detection): <2.0% Pieces by Weight – Pass – 1 pound (<4.0 mm ferrous, nonferrous, stainless)
Inorganic (Visual & Metal Detection): <2.0% Pieces by Weight – Pass – 1 pound (<4.0 mm ferrous, nonferrous, stainless)

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.