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TECHNICAL DATA Alarma CitruSmart™

PRODUCT DESCRIPTION

Alarma CitruSmart™ is a citrus peel product which delivers up to 82.7% Total Dietary Fiber.
 Alarma CitruSmart™ is high in antioxidants with a total ORAC rating of 115 uM Trolox Equv/g.
 Alarma CitruSmart™ is a hydroscopic citrus fiber that serves well as a “carrier” which has a myriad of applications such as a key ingredient for such items as energy bars, smoothies, and muffins.

RECOMMENDED USES

- Pasta and nutritional foods to boost fiber content
- Bakery products to boost antioxidant, key nutritional values and lowers total carbohydrates.
- Gluten free content for dietary advantage
- Nutritional products targeting low sugar

PHYSICAL AND CHEMICAL CHARACTERISTICS

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
Appearance	fine powder, coarse material, presscake	Visual
Color	white to beige to orange (based on citrus source)	Visual
Odor	bland to slight citrus odor	Sensory
Moisture*	3.00% to 12.00% - sample tested 3.07%	MN4000
Ash	3.47%	MN4001
Protein	6.37%	AOAC 992.15
Calcium	78 mg/100g	MN5004
Potassium	453 mg/100g	MN5004
Sodium	210 mg/100g	MN5004
Total Dietary Fiber	82.7 % to 76% (moisture range 3% - 10% WWB)	Subcontracted
Soluble Fiber	23.4% to 22% (moisture range 3% - 10% WWB)	
Insoluble Fiber	59.3% to 54% (moisture range 3% - 10% WWB)	
Total Pectin	9390 mg/100g	Subcontracted
Vitamin A (Beta Carotene)	117 IU/100g	Subcontracted
Vitamin C	0.91 mg/100g	MN4104

*The moisture content can vary depending on environmental conditions at the time of manufacture and during storage.

MICRBIOLOGICAL SPECIFICATIONS

Aerobic Plate Count	3600 cfu/u	AOAC 966.23
Mold	10 cfg/g	FDA BAM 8 th Ed.
Yeast	<10 cfu/g	FDA BAM 8 th Ed.
Salmonella	Negative /25g	AOAC 996.08
E. Coli-MPN Method	<3 MPN/g	AOAC 966.23
Fecal Coliform-MPN Method	<3 MPN/g	AOAC 966.23
Staphylococcus aureus	<10* cfu/g	AOAC 975.55

PACKAGING AND STORAGE

Alarma CitruSmart™ should be stored in a cool, dry, and sanitary area to achieve maximum stability.
 Alarma CitruSmart™ is packaged in Super Sack® bulk bags, a woven polypropylene flexible intermediate bulk container (FIBC) having a typical weight of 900 pounds, Weight varies based on milling specs.

The information and recommendations in this sheet are based on our experience and analysis using standard procedures and are believed to be accurate and reliable. However, they serve merely as typical guides and are presented in good faith for the benefit of our customers. No guarantee, express or implied, is made regarding accuracy of the analysis, patent infringement, liabilities or risks involved from the application of our products.

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