

# Ticaloid® ULTRASMMOOTH EC

Ticaloid® Ultrasmooth EC economically provides suspension and thickening to RTD and instant dry nutritional beverages while adding mouthfeel.

technical specification

## Chemical and Physical Properties

	Min.	Max.	
Flavor (Typical)	Bland		-
Moisture (Infrared)	0	15	%
Odor (Typical)	Odorless		-
pH (viscosity solution)	6	8	pH
Powder Color (Visual)	Off White		-
Texture (Qualitative)	Free Flowing Powder		-
Viscosity (1.0%,RV@20rpm,25C)	900	1900	cps

## Microbiological

	Min.	Max.	
Aerobic Plate Count (AOAC 988.18, 2.5g)	0	5000	cfu
Combined Yeast and Mold (BAM)	0	1000	/g
E. coli (AOAC 988.19)	<3 MPN		/g
S. aureus (BAM)	Negative /10g		-
Salmonella - 375g (AOAC 2013.01 )	Negative /375g		-
Total Coliforms (AOAC 966.24)	<3 MPN		/g

## Screen Test

	Min.	Max.	
USS#140 Mesh On	0	16	%

## Nutritional Data/100g

Calories	154
Total Fat (g)	0.02
Saturated Fat (g)	0.01
Trans Fat (g)	0.00
Monounsaturated Fat (g)	0.00
Polyunsaturated Fat (g)	0.00
Cholesterol (mg)	0.00
Total Carbohydrates (g)	74.69
Dietary Fiber (2016) (g)	0.00
Total Sugars (g)	0.00
Includes Added Sugars (g)	0.00
Protein (g)	1.09
Water (g)	8.60
Ash (g)	8.76
Vitamin D (mcg)	0.00
Sodium (mg)	7373.95
Calcium (mg)	169.69
Iron (mg)	0.85
Potassium (mg)	295.70

Disclaimer: Data is obtained from analytical and calculated values and is reported on an "as is" basis. In accordance with the 2016 Nutrition Facts Label regulations all "non-digestible carbohydrates" (NDC's) have been calculated as 2 kCal / gram, opposed to 4 kCal.

## Certification

Kosher  
Halal

## Packaging and Storage

Standard Packing	50# Bags, 2,000# per pallet
Storage & Handling	Each container is identified with the product name and lot number. Store in cool dry place for maximum shelf life.

## Shelf Life

Shelf-Life 1 year

## Usage Levels

Typical Usage Level	N/A
Solubility	Cold Water Soluble
Suggested Uses	Meal Replacer, Suspension, Rice Drink, Soy Based Drink, Functional Foods

## Regulatory Data

CAS #	9004-32-4, 11138-66-2, 9000-07-1
INS #	466, 415, 407
Country of Origin	Made in USA from domestic and/or imported ingredients
USDA (BE) Status	Bio-Engineered
United States	
FDA Regulation	21 CFR 182.1745, 172.695, 172.620
Label Declaration	Cellulose Gum, Xanthan Gum, Carrageenan

Effective Date: February 5, 2024

Next Review Date: February 5, 2027

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