



Ticalose® 400 SF Powder

Ticalose® 400 SF is an exceptional cellulose gum, solutions are extremely clear and with excellent rheological properties. For powdered drink mixes Ticalose 400 SF dissolves rapidly without the graininess common to other cellulose gums. For syrups, the Ticalose 400 SF creates a desirable sugary texture to the finished product. The lower viscosity nature of Ticalose 400 SF allows it to be used at higher levels in many products, resulting in superior performance.

technical specification

Chemical and Physical Properties

	Min.	Max.	
Bulk Density	0.65	0.95	gcc
Flavor (Typical)	Bland	-	-
Moisture (Infrared)	0	8	%
Odor (Typical)	Nearly Odorless	-	-
pH (viscosity solution)	6.5	8.5	pH
Powder Color (Visual)	Off White-Tan	-	-
Texture (Qualitative)	Free Flowing Powder	-	-
Viscosity (1%, LV@30rpm, 25C)	200	400	cps

Microbiological

	Min.	Max.	
Aerobic Plate Count (AOAC 988.18, 2.5g)	0	300	cfu
Combined Yeast and Mold (BAM)	0	200	/g
E. coli (AOAC 988.19)	<3 MPN	-	/g
S. aureus (BAM)	<10 cfu	-	/g
Salmonella - 375g (AOAC 2013.01)	Negative /375g	-	-
Total Coliforms (AOAC 966.24)	<3 MPN	-	/g

Screen Test

	Min.	Max.	
USS#200 Mesh Through	80	100	%
USS#60 Mesh On	0	1	%

Standard

	Min.	Max.	
CMC Degree of Substitution (FCC)	0.8	0.95	DS
Sodium CMC Assay (FCC)	99.5	100	%

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. Only the currently approved list of NDC's considered by the FDA to be dietary fiber are included in the dietary fiber calculation.

*ND – these values have not been determined.

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 0.20% to 1.25%
Solubility Cold Water Soluble
Suggested Uses Dairy, Powdered Drinks, Syrups

Regulatory Data

CAS #	9004-32-4
E #	466
HS Tariff #	3912.31.0010
Country of Origin	Product of USA and/or Mexico and/or China
USDA (BE) Status	Not BE
United States	
FDA Regulation	21 CFR 182.1745
Label Declaration	Cellulose Gum

Nutritional Data/100g

Calories	146.48
Total Fat (g)	0.00
Saturated Fat (g)	0.00
Trans Fat (g)	0.00
Monounsaturated Fat (g)	0.00
Polyunsaturated Fat (g)	0.00
Cholesterol (mg)	0.00
Total Carbohydrates (g)	73.24
Dietary Fiber (2016) (g)	0.00
Total Sugars (g)	0.00
Includes Added Sugars (g)	0.00
Protein (g)	0.00
Water (g)	7.00
Ash (g)	19.76
Vitamin A (IU)	0.00
Vitamin D (mcg)	0.00
Vitamin C (mg)	0.00
Sodium (mg)	8680.00
Calcium (mg)	8.00
Iron (mg)	1.00
Potassium (mg)	4.00

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Next Review Date: 2/25/2027

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