



# Pre-Hydrated® TICorganic® Gum Arabic SD Powder

Pre-Hydrated® TICorganic® Arabic SD Powder is Gum Arabic harvested and processed according to certified organic guidelines. This product provides excellent emulsification properties in spray dried flavors, flavor emulsions, confection coatings, and binders. It may also be used to replace corn syrup and high fructose corn syrup as a binder and viscosifier in some applications. This product is sold as a Pre-Hydrated powder. Without the use of additives or chemical modification, our manufacturing process creates a virtually dust-free powder that hydrates almost instantly without lumping.

## Chemical and Physical Properties

	Min.	Max.	
Color Value (Hunter)	-14	30	CU
Flavor (Typical)	Bland		-
Moisture (Infrared)	0	11	%
Odor (Typical)	Typical Bland		-
Optical Rotation (1%)	-35	-25	OR
pH (viscosity solution)	4	5.5	pH
Powder Color (Visual)	CREAM-TAN		-
Texture (Qualitative)	Free Flowing Powder		-
Viscosity (25.0%,LV@60rpm)	0	300	cps

## Microbiological

	Min.	Max.	
Aerobic Plate Count (AOAC 988.18)	0	1000	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 #40 Mesh On (Vorti-Sieve)	0	40	%
USS #80 MESH On (Vorti-Sieve)	35	85	%

## Nutritional Data/100g

Calories	174.00
Total Fat (g)	0.36
Saturated Fat (g)	0.24
Trans Fat (g)	0.00
Monounsaturated Fat (g)	0.05
Polyunsaturated Fat (g)	0.00
Cholesterol (mg)	0.00
Total Carbohydrates (g)	84.00
Dietary Fiber (2016) (g)	84.00
Total Sugars (g)	0.00
Includes Added Sugars (g)	0.00
Protein (g)	2.38
Water (g)	10.00
Ash (g)	3.49
Vitamin A (IU)	0.00
Vitamin D (mcg)	0.00
Vitamin C (mg)	0.00
Sodium (mg)	54.70
Calcium (mg)	690.00
Iron (mg)	0.80
Potassium (mg)	670.20

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, 1,000# per pallet (5 layers)
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 3 years

## Usage Levels

Typical Usage Level	0.5% to 30%
Solubility	Cold Water Soluble
Suggested Uses	Organic Foods, Flavors, Confections, Binder, Film Former, Functional Foods

## Regulatory Data

CAS #	9000-01-5
Organic Status	100% Organic
INS #	414
HS Tariff #	1301.20
Country of Origin	Made in USA from Imported Acacia
GMO Status	Non-GMO Project Verified
USDA (BE) Status	Not Bio-Engineered
United States	
FDA Regulation	21 CFR 184.1330
Label Declaration	Organic Acacia

Date Effective: April 10, 2023

Next Review Date: April 10, 2026

The information described above is offered solely for your consideration, investigation, and independent verification. It is up to you to decide whether and how to use this information. Ingredion Incorporated and the Ingredion group of companies make no warranty about the accuracy or completeness of the information contained above or the suitability of any of their products for your specific intended use. Furthermore, all express or implied warranties of noninfringement, merchantability, or fitness for a particular purpose are hereby disclaimed. Ingredion Incorporated and the Ingredion group of companies assume no responsibility for any liability or damages arising out of or relating to any of the foregoing.

5 Westbrook Corporate Ctr. Westchester, Illinois 60154 U.S.A. 708.551.2600	1600 – 90 Burnhamthorpe Rd., West Mississauga, Ontario L5B 0H9 Canada 905.281.7950
---	---