

TECHNICAL DATA

<b>PRODUCT NAME:</b>	FibRefine GA - Organic
<b>ICON FOODS PRODUCT CODE NUMBER:</b>	1815
<b>DESCRIPTION:</b>	Gum acacia is a natural gum derived from the sap of acacia trees.
<b>COMPOSITION:</b>	Organic Gum Acacia
<b>COUNTRY OF ORIGIN:</b>	France
<b>ALLERGENS:</b>	FibRefine GA - Organic does not contain any commonly known sources of allergens. Labeling is not required under the FDA Food Allergen Labeling and Consumer Protection Act of 2004 or EU Directive 2007/68/EC
<b>KOSHER:</b>	FibRefine GA - Organic is Kosher certified.
<b>BSE-TSE:</b>	No animal derived ingredients are used in the production of FibRefine GA - Organic.
<b>VEGAN/VEGETARIAN:</b>	Contains no animal ingredients or byproducts. Icon Foods has not conducted any studies with this product involving animal testing.
<b>BE/GMO:</b>	Does not require mandatory BE Disclosure. Product is Non-GMO.
<b>LABELING:</b>	FibRefine GA - Organic complies with limits established for residual pesticides as per USP <561>. Product may be labeled as a "natural" ingredient under the regulations of the U.S. FDA and FTC.
<b>PACKAGING &amp; RECOMMENDED STORAGE CONDITIONS:</b>	FibRefine GA - Organic comes in a 25 kg box/bag. Store in a cool & dry location in ambient conditions, not to exceed 85 degrees Fahrenheit. For long term storage, please keep refrigerated. Shelf life is 36 months when stored under recommended conditions.
<b>REMARKS:</b>	This item is a raw material for commercial use only.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**TECHNICAL DATA (CONT.)**

**PRODUCT NAME: FibRefine GA - Organic**

PARAMETERS	SPECIFICATIONS	METHODS
TASTE	Neutral	Organoleptic
APPEARANCE	Powder	Visual Inspection
COLOR	White to Off-White/Yellow	Visual Inspection
LOSS ON DRYING, %	≤ 10.0	AOAC 930.15
ASH, %	≤ 4.0	AOAC 930.05
GRANULOMETRY	≤ 15% < 75 μm	ASTM 136/C136M
pH (25% W/W SOLN, 20°C)	4 – 5	AOAC 981.12
ARSENIC, mg/kg	< 3	AOAC 2015.01
LEAD, mg/kg	< 2	AOAC 2015.01
MERCURY, mg/kg	< 1	AOAC 2015.01
CADMIUM, mg/kg	< 1	AOAC 2015.01
AEROBIC PLATE COUNT, cfu/g	≤ 1000	BAM, FDA Ch 3; AOAC 996.23
<i>E. COLI</i> , /10g	Negative	BAM, FDA Ch 4
YEAST & MOLD, cfu/g	≤ 100	BAM, FDA Ch 18
SALMONELLA, /25g	Negative	BAM, FDA Ch 5; AOAC 2013.01



*Thomas J. King*  
 Thomas J. King  
 Icon Foods, Inc.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME: FibRefine GA - Organic**

**LOT CODE: 1815 UU YY MM DD BB**

**MANUFACTURE DATE: MM/DD/YYYY**

**BEST BY: MM/DD/YYYY**

**INGREDIENTS: Organic Gum Acacia**

ITEMS	STANDARD	RESULTS	TEST METHOD
TASTE	Neutral	Complies	Organoleptic
APPEARANCE	Powder	Complies	Visual Inspection
COLOR	White to Off-White/Yellow	Complies	Visual Inspection
LOSS ON DRYING, %	≤ 10.0	Complies	AOAC 930.15
ASH, %	≤ 4.0	Complies	AOAC 930.05
GRANULOMETRY	≤ 15% < 75 μm	Complies	ASTM 136/C136M
pH (25% W/W SOLN, 20°C)	4 – 5	Complies	AOAC 981.12
ARSENIC, mg/kg	< 3	Complies	AOAC 2015.01
LEAD, mg/kg	< 2	Complies	AOAC 2015.01
MERCURY, mg/kg	< 1	Complies	AOAC 2015.01
CADMIUM, mg/kg	< 1	Complies	AOAC 2015.01
AEROBIC PLATE COUNT, cfu/g	≤ 1000	Complies	BAM, FDA Ch 3; AOAC 996.23
<i>E. COLI</i> , /10g	Negative	Complies	BAM, FDA Ch 4
YEAST & MOLD, cfu/g	≤ 100	Complies	BAM, FDA Ch 18
SALMONELLA, /25g	Negative	Complies	BAM, FDA Ch 5; AOAC 2013.01

Oregon department of agriculture, food safety division establishment #88294  
 FDA food manufacturing facility #xxxxxxx6608

Remarks: This item is a raw material for commercial use only.

Storage: Store in a cool & dry location, not to exceed 85-degree Fahrenheit.  
 For long term storage, please keep refrigerated.

**ISSUED BY:**

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

## COUNTRY OF ORIGIN STATEMENT

Oregon Department of Agriculture, Food Safety Division Establishment #88294

This letter is to certify that FibRefine GA - Organic sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in France.

If you have any questions, please contact Icon Foods Quality Assurance Division at 310-455-9876.

A handwritten signature in blue ink, appearing to read "TJ King".

Thomas J. King  
Icon Foods, Inc.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**INGREDIENT STATEMENT****PRODUCT INGREDIENT LIST****PRODUCT NAME:** FibRefine GA - Organic**PRODUCT NUMBER:** 1815

<b>INGREDIENTS</b>	<b>% RANGE COMPOSITION</b>
Organic Gum Acacia	100%

**ICON FOODS, INC.**

19250 NE PORTAL WAY

PORTLAND, OR 97230

P: 310.455.9876

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

## 100G NUTRITIONAL SPECIFICATIONS

PRODUCT NAME: FibRefine GA - Organic

### NUTRITIONAL FACTS

Calories	200 kcal	
Total Fat	0 g	0%
Saturated Fat	0 g	0%
Trans Fat	0 g	
Cholesterol	0 mg	0%
Sodium	20 mg	1%
Total Carbohydrate	90 g	33%
Dietary Fiber	90 g	321%
Total Sugars	0 g	
Includes 0g Added Sugars	0%	
Protein	2 g	
Vitamin D	0 mcg	0%
Calcium	950 mg	70%
Iron	1 mg	6%
Potassium	0 mg	0%

\*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

### CARBOHYDRATES

### AMOUNTS PER 100G

Total Carbohydrate	90.00g
Dietary Fiber	90.00g
Starch	0.0g
Sugars	0.0g
Sugar Alcohols	0.0g

### FATS & FATTY ACIDS

### AMOUNTS PER 100G

Total Fat	0.0g
Saturated Fat	0.0g
Monounsaturated Fat	0.0g
Polyunsaturated Fat	0.0g
Total Trans Fatty Acids	0.0g

### PROTEIN & AMINO ACIDS

### AMOUNTS PER 100G

Protein	2.0g
---------	------

### VITAMINS

### AMOUNTS PER 100G

Vitamin A	0.0 IU
Vitamin C	0.0 mg
Vitamin D	0.0 IU
Vitamin E (Alpha Tocopherol)	0.0 mg

### MINERALS

### AMOUNTS PER 100G

Calcium	950.0 mg
Iron	1.0 mg
Potassium	0.5 mg
Sodium	20.0 mg

### OTHER

### AMOUNTS PER 100G

Water	≤ 10.0 g
Ash	≤ 4.0 g

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

## SAFETY DATA SHEET

PRODUCT NAME: FibRefine GA - Organic

ICON FOODS, INC. – USA | PRODUCT #: 1815

CAS REGISTRY NUMBER: 9000-01-5

OREGON DEPARTMENT OF AGRICULTURE, FOOD & SAFETY DIVISION ESTABLISHMENT #88294

FDA FOOD MANUFACTURING FACILITY #\*\*\*\*\*6608

COMPLIANT WITH JECFA GUIDLINES

<b>IDENTIFICATION:</b>	Commercial Name: FibRefine GA - Organic Icon Foods, Inc.																				
<b>COMPOSITION:</b>	Gum Acacia CAS# 9000-01-5 Risk Phrases: None Safety Phrases 25-26: Not Mandatory																				
<b>HAZARDS:</b>	Not classified as dangerous according to directive 67/548/EEC or its amendments.																				
<b>FIRST AID MEASURES:</b>	Eye Contact: Wash with water or standard eye wash solution. Seek medical advice if irritation occurs and persists. Oral Ingestion: Essentially edible in small quantity with bland to bitter sweet aftertaste Skin Contact: Wash with water and mild soap.																				
<b>FIRE FIGHTING MEASURES:</b>	Non-combustible and presents no special fire hazard Extinguishing media: N/A Protective Equipment: Standard equipment																				
<b>ACCIDENTAL RELEASE MEASURES:</b>	Absorb into an inert material and scrape up. Remove residue by scrubbing with hot water or detergent solution.																				
<b>HANDLING &amp; STORAGE:</b>	Store in a cool & dry location in ambient conditions, not to exceed 85 degrees Fahrenheit. For long term storage, please keep refrigerated.																				
<b>EXPOSURE &amp; PERSONAL PROTECTION:</b>	In accordance with good industrial practice and handling, use standard eye protection.																				
<b>PHYSICAL &amp; CHEMICAL PROPERTIES:</b>	<table border="0"> <tr> <td>Physical Form: Powder</td> <td>Explosive Properties: --</td> </tr> <tr> <td>Color: White to Off-White/Yellow</td> <td>pH (100% Concentrate): --</td> </tr> <tr> <td>Odor: --</td> <td>Oxidizing Properties: --</td> </tr> <tr> <td>Boiling Point: --</td> <td>Vapor Pressure: --</td> </tr> <tr> <td>Melting Point: --</td> <td>Density: --</td> </tr> <tr> <td>Viscosity @ 20 degree C: --</td> <td>Water Solubility: Soluble</td> </tr> <tr> <td>Flash Point: --</td> <td>Other Solubility: In most Basic Food Grade Solvents</td> </tr> <tr> <td>Flammability Solid/Gas: --</td> <td>Partition Coefficient: --</td> </tr> <tr> <td>Auto Flammability: --</td> <td>(Octanol/Water): --</td> </tr> <tr> <td>Specific Refractive: --</td> <td>Explosive Limits: --</td> </tr> </table>	Physical Form: Powder	Explosive Properties: --	Color: White to Off-White/Yellow	pH (100% Concentrate): --	Odor: --	Oxidizing Properties: --	Boiling Point: --	Vapor Pressure: --	Melting Point: --	Density: --	Viscosity @ 20 degree C: --	Water Solubility: Soluble	Flash Point: --	Other Solubility: In most Basic Food Grade Solvents	Flammability Solid/Gas: --	Partition Coefficient: --	Auto Flammability: --	(Octanol/Water): --	Specific Refractive: --	Explosive Limits: --
Physical Form: Powder	Explosive Properties: --																				
Color: White to Off-White/Yellow	pH (100% Concentrate): --																				
Odor: --	Oxidizing Properties: --																				
Boiling Point: --	Vapor Pressure: --																				
Melting Point: --	Density: --																				
Viscosity @ 20 degree C: --	Water Solubility: Soluble																				
Flash Point: --	Other Solubility: In most Basic Food Grade Solvents																				
Flammability Solid/Gas: --	Partition Coefficient: --																				
Auto Flammability: --	(Octanol/Water): --																				
Specific Refractive: --	Explosive Limits: --																				
<b>STABILITY &amp; REACTIVITY:</b>	Thermal Decomposition: Stable under normal conditions of use.																				
<b>TOXICOLOGICAL DATA:</b>	Oral: Essentially non-toxic and edible in small quantity. Dermal: Expected to be essentially non-toxic. Inhalation: Slight Ethanollic Sting – irritation																				

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**ECOLOGICAL INFORMATION:**

Toxic Effects: None

Eye: Very Mild/Minimal – Not a transient Conjunctival Irritant at 10% concentrate in water (Eyetex classification).

Biodegradation: Expected to be ultimately biodegradable.

Fish Toxicity: No Data.

**DISPOSAL CONDITIONS:**

Dispose of according to local, state, and federal regulations.

**TRANSPORT INFORMATION:**

UN Number: N/A

UN Name: Not Assigned

IMDG Code/Class: Not Hazardous

IMDG Code Page No: N/A

ICAO/IATA Air Class: Non-Hazardous

ICAO/IATA Air Class Packing Group: N/A

RID/ADR Class: Non-Hazardous

ADNR Class: Non-Hazardous

**REGULATORY INFORMATION:**

Occupational Exposure Limits: N/A

**OTHER INFORMATION:**

Supplementary Dietary/Food Use: FDA GRAS Status within the USA

Information contained herein as well as any representations made regarding this information are believed to be accurate and reliable however no warranty or guarantee, express or implied, is made regarding information and/or product.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**VERSION HISTORY**

VERSION #	DATE	REVISIONS	APPROVAL
1.1	08/20/2025	Updated name to "FibRefine GA"	ZN

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

ITEM #1815	FibRefine GA – Organic	V1.1	August 20, 2025
------------	------------------------	------	-----------------