

TECHNICAL DATA

PRODUCT NAME:	FibRefine 3.0
ICON FOODS PRODUCT CODE NUMBER:	1812
DESCRIPTION:	FibRefine 3.0 is a proprietary blend of Soluble Tapioca Fiber, Chicory Root Inulin, and Polydextrose.
COMPOSITION:	Soluble Tapioca Fiber, Chicory Root Inulin, Polydextrose.
COUNTRY OF ORIGIN:	United States
ALLERGENS:	FibRefine 3.0 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
KOSHER:	FibRefine 3.0 is Kosher Certifiable.
BSE:	No animal derived ingredients are used in the production of FibRefine 3.0. There are no animal derived ingredients used in the facility where FibRefine 3.0 is produced.
LABELING:	FibRefine 3.0 complies with limits established for residual pesticides as per USP <561>.
PACKAGING & RECOMMENDED STORAGE CONDITIONS:	FibRefine 3.0 comes in a 20 kg box/bag. FibRefine 3.0 should be stored 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.
REMARKS:	This item is a raw material for commercial use only.

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TECHNICAL DATA (CONT.)

PRODUCT NAME: FibRefine 3.0

PARAMETERS	SPECIFICATIONS	METHODS
SOLUBLE TAPIOCA FIBER, %	≤ 50	Internal Method
OLIGOFRACTOSE, %	≤ 50	Internal Method
POLYDEXTROSE %	≤ 25	Internal Method
APPEARANCE	Agglomerated Powder	Visual Inspection
COLOR	Off White/Slightly Yellow	Visual Inspection
LOSS ON DRYING, %	≤ 6	USP/NF 731
ASH, %	≤ 5	USP31<281>
LEAD, ppm	≤ 0.5	AOAC 993.14
CADMIUM, ppm	≤ 0.3	AOAC 993.14
ARSENIC, ppm	≤ 0.3	AOAC 993.14
MERCURY, ppm	≤ 0.01	AOAC 993.14
TOTAL PLATE COUNT, cfu/g	≤ 1000	US Pharmacopeia Chapter 60
<i>E. COLI</i> , /10g	Negative	US Pharmacopeia Chapter 60
COLIFORM, cfu/g	≤ 10	US Pharmacopeia Chapter 60
YEAST & MOLD, cfu/g	≤ 100	US Pharmacopeia Chapter 60
SALMONELLA, /25g	Negative	US Pharmacopeia Chapter 60




 Thomas J. King
 Icon Foods, Inc.

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: FibRefine 3.0

LOT CODE: 1812 UU YY MM DD BB

MANUFACTURE DATE: MM/DD/YYYY

BEST BY: MM/DD/YYYY

INGREDIENTS: Soluble Tapioca Fiber, Chicory Root Inulin, Polydextrose.

ITEMS	STANDARD	RESULTS	TEST METHOD
SOLUBLE TAPIOCA FIBER, %	≤ 50	Complies	Internal Method
OLIGOFRUCTOSE, %	≤ 50	Complies	Internal Method
POLYDEXTROSE %	≤ 25	Complies	Internal Method
APPEARANCE	Agglomerated Powder	Complies	Visual Inspection
COLOR	Off White/Slightly Yellow	Complies	Visual Inspection
LOSS ON DRYING, %	≤ 6	Complies	USP/NF 731
ASH, %	≤ 5	Complies	USP31<281>
LEAD, ppm	≤ 0.5	Complies	AOAC 993.14
CADMIUM, ppm	≤ 0.3	Complies	AOAC 993.14
ARSENIC, ppm	≤ 0.3	Complies	AOAC 993.14
MERCURY, ppm	≤ 0.01	Complies	AOAC 993.14
TOTAL PLATE COUNT, cfu/g	≤ 1000	Complies	US Pharmacopeia Chapter 60
<i>E. COLI</i> , /10g	Negative	Complies	US Pharmacopeia Chapter 60
COLIFORM, cfu/g	≤ 10	Complies	US Pharmacopeia Chapter 60
YEAST & MOLD, cfu/g	≤ 100	Complies	US Pharmacopeia Chapter 60
SALMONELLA, /25g	Negative	Complies	US Pharmacopeia Chapter 60

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:

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COUNTRY OF ORIGIN STATEMENT

Oregon Department of Agriculture, Food Safety Division Establishment #88294

Compliant with JECFA guidelines

This letter is to certify that FibRefine 3.0 sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in the following countries: United States of America.

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.

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INGREDIENT STATEMENT**PRODUCT INGREDIENT LIST****PRODUCT NAME:** FibRefine 3.0**PRODUCT NUMBER:** 1812**INGREDIENTS % RANGE COMPOSITION**

Soluble Tapioca Fiber	≤ 50%
Chicory Root Inulin	≤ 50%
Polydextrose	≤ 20%

MANUFACTURING FACILITY:**ICON FOODS, INC.****19250 NE PORTAL WAY****PORTLAND, OR 97230****P: 310.455.9876**

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100G NUTRITIONAL SPECIFICATIONS

PRODUCT NAME: FibRefine 3.0

NUTRITIONAL FACTS

Calories	160 kcal	
Total Fat	0 g	0%
Saturated Fat	0 g	0%
Trans Fat	0 g	
Cholesterol	0 mg	0%
Sodium	40 mg	0%
Total Carbohydrate	95 g	36%
Dietary Fiber	90 g	14%
Total Sugars	4 g	
Includes 0g Added Sugars	0%	
Protein	0 g	
Vitamin D	0 mcg	0%
Calcium	0 mg	0%
Iron	0 mg	0%
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	94.6 g
Dietary Fiber	89.6 g
Starch	0.0 g
Sugars	3.9 g
Sugar Alcohols	0 g

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	0.1 g
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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	0 mg
Iron	0 mg
Potassium	0 mg
Sodium	41.6 mg

OTHER

AMOUNTS PER 100G

Water	≤ 6.0 g
Ash	≤ 5.0 g

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SAFETY DATA SHEET

PRODUCT NAME: FibRefine 3.0

ICON FOODS, INC. – USA | PRODUCT #: 1812

CAS REGISTRY NUMBER: --

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

FDA FOOD MANUFACTURING FACILITY #*****6608

COMPLIANT WITH JECFA GUIDLINES

IDENTIFICATION:	Commercial Name: FibRefine 3.0 Manufacturer: Icon Foods, Inc.
COMPOSITION:	Soluble Tapioca Fiber, Chicory Root Inulin, Polydextrose. CAS# -- Risk Phrases: None Safety Phrases 25-26: Not Mandatory
HAZARDS:	Not classified as dangerous according to directive 67/548/EEC or its amendments.
FIRST AID MEASURES:	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 bittersweet aftertaste Skin Contact: Wash with water and mild soap.
FIRE FIGHTING MEASURES:	Non-combustible and presents no special fire hazard Extinguishing media: N/A Protective Equipment: Standard equipment
ACCIDENTAL RELEASE MEASURES:	Absorb into an inert material and scrape up. Remove residue by scrubbing with hot water or detergent solution.
HANDLING & STORAGE:	Store in a cool & dry location in ambient conditions, not to exceed 85 degrees Fahrenheit. For long term storage, please keep refrigerated.
EXPOSURE & PERSONAL PROTECTION:	In accordance with good industrial practice and handling, use standard eye protection.
PHYSICAL & CHEMICAL PROPERTIES:	Physical Form: Agglomerated Powder Explosive Properties: -- Color: Off white/slightly 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: --
STABILITY & REACTIVITY:	Thermal Decomposition: Stable under normal conditions of use.
TOXICOLOGICAL DATA:	Oral: Essentially non-toxic and edible in small quantity. Dermal: Expected to be essentially non-toxic.

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ECOLOGICAL INFORMATION:

Inhalation: Slight Ethanolic Sting – irritation

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

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VERSION HISTORY

VERSION #	DATE	REVISIONS	APPROVAL

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