

TECHNICAL DATA

<b>PRODUCT NAME:</b>	PreBiotica Chicory Root Inulin L90
<b>ICON FOODS PRODUCT CODE NUMBER:</b>	1800
<b>DESCRIPTION:</b>	PreBiotica Chicory Root Inulin L90 is liquid oligofructose composed of linear fructose polymers.
<b>COMPOSITION:</b>	(Chicory) Oligofructose.
<b>COUNTRY OF ORIGIN:</b>	United States, Belgium.
<b>ALLERGENS:</b>	PreBiotica Chicory Root Inulin L90 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>	PreBiotica Chicory Root Inulin L90 is kosher certifiable.
<b>BSE:</b>	No animal derived ingredients are used in the production of PreBiotica Chicory Root Inulin L90.
<b>LABELING:</b>	PreBiotica Chicory Root Inulin L90 complies with limits established for residual pesticides as per USP <561>.
<b>PACKAGING &amp; RECOMMENDED STORAGE CONDITIONS:</b>	PreBiotica Chicory Root Inulin L90 comes in a 1300-kg, or 25-kg container. PreBiotica Chicory Root Inulin L90 should be stored under cool conditions (< 7°C, 44.6°F) in its original packaging. When stored under recommended conditions in the original unopened container, the product can be stored at least 1-yr after production date. At ambient conditions 20°C (68°F) the product can be stored for minimal 3-months after delivery date.
<b>REMARKS:</b>	This item is a raw material for commercial use only.

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TECHNICAL DATA (CONT.)

PRODUCT NAME: PreBiotica Chicory Root Inulin L90

PARAMETERS	SPECIFICATIONS
APPEARANCE	Viscous syrup
DENSITY	~1.38 kg/l (20°C)
VISCOSITY	~5000 mPa.s (20°C, 74°Bx)
COLOR	Colorless / yellow
pH	4.0 – 7.0
TASTE	Neutral ~40 – 45% sweetness
BRIX	73.5 – 75.7
OLIGOFRUCTOSE (db)	90 ± 2%
FRUCTOSE, GLUCOSE, SUCROSE	10 ± 2%
ASH	≤ 0.2%
LEAD (Pb)	≤ 0.02 ppm
ARSENIC (As)	≤ 0.03 ppm
CADMIUM (Cd)	≤ 0.01 ppm
MERCURY (Hg)	≤ 0.01 ppm
AEROBIC PLATE COUNT	≤ 200 cfu/10g
MOLDS	≤ 20 cfu/10g
YEASTS	≤ 20 cfu/10g
<i>BACILLUS CERUS</i>	≤ 100 cfu/g
<i>LISTERIA MONOCYTOGENES</i>	Negative/25g
ENTEROBACTERIACEAE	Negative/g
<i>STAPHYLOCOCCUS AUREUS</i>	Negative/g
SALMONELLA	Negative/100g



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

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**CERTIFICATE OF ANALYSIS**
**PRODUCT NAME: PreBiotica Chicory Root Inulin L90.**
**LOT CODE: 1800 UU YY MM DD BB**
**MANUFACTURE DATE: MM/DD/YYYY**
**BEST BY: MM/DD/YYYY**
**INGREDIENTS: Oligofructose.**

ITEMS	STANDARD	RESULTS
APPEARANCE	Viscous syrup	Complies
DENSITY	~1.38 kg/l (20°C)	Complies
VISCOSITY	~5000 mPa.s (20°C, 74°Bx)	Complies
COLOR	Colorless / yellow	Complies
pH	4.0 – 7.0	Complies
TASTE	Neutral ~40 – 45% sweetness	Complies
BRIX	73.5 – 75.7	Complies
OLIGOFRUCTOSE (db)	90 ± 2%	Complies
FRUCTOSE, GLUCOSE, SUCROSE	10 ± 2%	Complies
ASH	≤ 0.2%	Complies
LEAD (Pb)	≤ 0.02 ppm	Complies
ARSENIC (As)	≤ 0.03 ppm	Complies
CADMIUM (Cd)	≤ 0.01 ppm	Complies
MERCURY (Hg)	≤ 0.01 ppm	Complies
AEROBIC PLATE COUNT	≤ 200 cfu/10g	Complies
MOLDS	≤ 20 cfu/10g	Complies
YEASTS	≤ 20 cfu/10g	Complies
<i>BACILLUS CERUS</i>	≤ 100 cfu/g	Complies
<i>LISTERIA MONOCYTOGENES</i>	Negative/25g	Complies
ENTEROBACTERIACEAE	Negative/g	Complies
<i>STAPHYLOCOCCUS AUREUS</i>	Negative/g	Complies
SALMONELLA	Negative/100g	Complies

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 68-degrees Fahrenheit.

**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 PreBiotica Chicory Root Inulin L90 sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in the following countries: United States, Belgium.

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: PreBiotica Chicory Root Inulin L90****PRODUCT NUMBER: 1800****INGREDIENTS    % RANGE COMPOSITION**

INGREDIENTS	% RANGE COMPOSITION
Oligofructose (90 ± 2% db)	100%

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## 100G NUTRITIONAL SPECIFICATIONS

PRODUCT NAME: PreBiotica Chicory Root Inulin L90

### NUTRITIONAL FACTS

Calories	169 kcal	
Total Fat	0 g	0%
Saturated Fat	0 g	0%
Trans Fat	0 g	
Cholesterol	0 mg	0%
Sodium	0 mg	0%
Total Carbohydrate	75 g	27%
Dietary Fiber	66 g	236%
Total Sugars	10 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	75.0g
Dietary Fiber	66.0g
Starch	0.0g
Sugars	9.5g
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	0.00g
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### CARBOHYDRATES

### 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	0.0 mg
Iron	0.0 mg
Potassium	0.0 mg
Sodium	0.0 mg

### OTHER

### AMOUNTS PER 100G

Water	≤ 25.0 g
Ash	≤ 1.0 g

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**SAFETY DATA SHEET**

**PRODUCT NAME:** PreBiotica Chicory Root Inulin L90

**ICON FOODS, INC. – USA | PRODUCT #:** 1800

**CAS REGISTRY NUMBER:** --

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

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

**COMPLIANT WITH JECFA GUIDLINES**

<b>IDENTIFICATION:</b>	Commercial Name: PreBiotica Chicory Root Inulin L90 Manufacturer: Icon Foods, Inc.
<b>COMPOSITION:</b>	Oligofructose. CAS# -- 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>	Physical Form: Viscous syrup Color: Colorless / yellow. Odor: -- Boiling Point: -- Melting Point: -- Viscosity @ 20 degree C: -- Flash Point: -- Flammability Solid/Gas: -- Auto Flammability: -- Specific Refractive: -- Explosive Properties: -- pH (100% Concentrate): -- Oxidizing Properties: -- Vapor Pressure: -- Density: -- Water Solubility: Soluble Other Solubility: In most Basic Food Grade Solvents Partition Coefficient: -- (Octanol/Water): -- 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.

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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).

**DISPOSAL CONDITIONS:**

Biodegration: Expected to be ultimately biodegradable.

Fish Toxicity: No Data.

**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.

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**VERSION HISTORY**

VERSION #	DATE	REVISIONS	APPROVAL

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