

TECHNICAL DATA



<b>PRODUCT NAME:</b>	IconiSweet Gold
<b>ICON FOODS PRODUCT CODE NUMBER:</b>	1216
<b>DESCRIPTION:</b>	The gold standard for natural brown sugar substitutes, our IconiSweet Gold features a blend of erythritol, allulose and monk fruit. It measures, tastes and acts like traditional brown sugar without the impact to glycemic index or negative attributes of refined sugar. Featuring a warm hint of molasses and that just-right golden hue, the flavor and texture make IconiSweet Gold an easy plug in for baking, cooking and beverages with the unique browning properties that come from allulose in the Maillard effect.
<b>COMPOSITION:</b>	Erythritol, Vegetable Glycerin, Allulose, Natural Flavor, Caramel Color, Monk Fruit Extract.
<b>COUNTRY OF ORIGIN:</b>	United States
<b>ALLERGENS:</b>	IconiSweet Gold 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>	IconiSweet Gold is certified as Kosher.
<b>BSE:</b>	No animal derived ingredients are used in the production of IconiSweet Gold.
<b>LABELING:</b>	IconiSweet Gold complies with limits established for residual pesticides as per USP <561>.
<b>PACKAGING &amp; RECOMMENDED STORAGE CONDITIONS:</b>	IconiSweet Gold comes in a 25 kg box with poly inner bag. IconiSweet Gold 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.
<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: IconiSweet Gold



PARAMETERS	SPECIFICATIONS	METHODS
ERYTHRITOL	≥ 90%	Internal Method
MOGROSID V	≤ 5%	Internal Method
APPEARANCE	Crystalline	Visual Inspection
COLOR	Brown/Light Brown	Visual Inspection
LOSS ON DRYING	≤ 5.0%	USP/NF 731
SWEETNESS (COMPARED TO SUCROSE)	1-2	ISO 5492:2008
RESIDUE ON IGNITION	≤ 5.0%	USP31<281>
METHANOL	≤ 200 ppm	EPA 5021
ETHANOL	≤ 5000 ppm	EPA 5021
TOTAL HEAVY METALS	≤ 10 ppm	AOAC 993.14
TOTAL PLATE COUNT	≤ 1000 cfu/g	US Pharmacopeia Chapter 60
<i>E. COLI</i>	Negative/10g	US Pharmacopeia Chapter 60
COLIFORM	≤ 10 cfu/g	US Pharmacopeia Chapter 60
YEAST & MOLD	≤ 100 cfu/g	US Pharmacopeia Chapter 60
SALMONELLA	Negative/25g	US Pharmacopeia Chapter 60



  
 Thomas J. King  
 Icon Foods, Inc.

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**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** IconiSweet Gold



**LOT CODE:** PPPP UU YY MM DD BB    **MANUFACTURE DATE:** MM/DD/YYYY    **BEST BY:** MM/DD/YYYY

**INGREDIENTS:** Erythritol, vegetable glycerin, allulose, natural flavor, caramel color, monk fruit extract.

ITEMS	STANDARD	RESULTS	TEST METHOD
ERYTHRITOL	≥ 90%	Complies	Internal Method
MOGROSIDE V	≤ 5%	Complies	Internal Method
APPEARANCE	Crystalline	Complies	Visual Inspection
COLOR	Brown/Light Brown	Complies	Visual Inspection
LOSS ON DRYING	≤ 5.0%	Complies	USP/NF 731
SWEETNESS (COMPARED TO SUCROSE)	1 – 2	Complies	ISO 5492:2008
RESIDUE ON IGNITION	≤ 5.0%	Complies	USP31<281>
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SALMONELLA	Negative/25g	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 IconiSweet Gold 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: IconiSweet Gold****PRODUCT NUMBER: 1216**

<b>INGREDIENTS</b>	<b>% RANGE COMPOSITION</b>
Erythritol	≥ 90%
Vegetable Glycerin	≤ 5%
Allulose	≤ 5%
Natural Flavor	≤ 5%
Caramel Color	≤ 5%
Monk Fruit Extract	≤ 1%

**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: IconiSweet Gold

### NUTRITIONAL FACTS

Calories	35 kcal	
Total Fat	0 g	0%
Saturated Fat	0 g	0%
Trans Fat	0 g	
Cholesterol	0 mg	0%
Sodium	10 mg	0%
Total Carbohydrate	99 g	36%
Dietary Fiber	0 g	0%
Total Sugars	0 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	98.6g
Dietary Fiber	0.0g
Starch	0.0g
Sugars	0.1g
Sugar Alcohols	95.6g

### 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	0.05g
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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	4.8 mg
Iron	0.1 mg
Potassium	30.9 mg
Sodium	10.8 mg

### OTHER

### AMOUNTS PER 100G

Water	≤ 1.0 g
Ash	≤ 1.0 g

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## SAFETY DATA SHEET

PRODUCT NAME: IconiSweet Gold

ICON FOODS, INC. – USA | PRODUCT #: 1216

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: IconiSweet Gold Manufacturer: Icon Foods, Inc.
<b>COMPOSITION:</b>	Erythritol, vegetable glycerin, allulose, natural color, caramel color, monk fruit extract. 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: Crystalline Powder Color: Brown Odor: Of Molasses 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:**

Biodegradation: 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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