

TECHNICAL DATA


PRODUCT NAME:	KetoseSweet Syrup
ICON FOODS PRODUCT CODE NUMBER:	2105
DESCRIPTION:	Icon Foods KetoseSweet® syrup is a natural, non-GMO, low-calorie rare sugar known as allulose or psicose. Allulose is a monosaccharide, or simple sugar, and is found in nature in fruits such as raisings, figs, kiwis and jack fruit. Unlike other natural and synthetic sweeteners in the marketplace, Icon Foods KetoseSweet® syrup tastes and functions like sugar because it is a sugar but contains almost zero calories while suppressing glycemic response. With less than 10% of the calories of sucrose, Icon Foods KetoseSweet® syrup provides a clean, satisfying sweetness to any beverage, bakery, frozen food, confectionary or dairy application. Icon Foods KetoseSweet® syrup is complementary and works in synergy with other sweeteners to create low-calorie, cost-effective sweetener systems. Icon Foods KetoseSweet® syrup is recognized by the body as a simple sugar and absorbed accordingly; however, clinical studies confirm that it is not metabolized and has no impact on blood glucose levels. Exhibiting a low water activity similar to fructose, Icon Foods KetoseSweet® syrup adds humectancy to foods and should be a staple “go to” ingredient within the research and development group of any company affiliated with food and beverage.
COMPOSITION:	Liquid allulose.
COUNTRY OF ORIGIN:	China, Republic of Korea.
ALLERGENS:	KetoseSweet Syrup 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:	KetoseSweet Syrup is kosher certified.
BSE:	No animal derived ingredients are used in the production of KetoseSweet Syrup.
LABELING:	KetoseSweet Syrup complies with limits established for residual pesticides as per USP <561>.
PACKAGING & RECOMMENDED STORAGE CONDITIONS:	KetoseSweet Syrup comes in 1300-kg totes, 250-kg drums, or 20.5-kg pails. KetoseSweet Syrup 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 24 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: KetoseSweet Syrup



PARAMETERS	SPECIFICATIONS	METHODS
ASSAY: ALLULOSE	≥ 95%	Internal Method
APPEARANCE	Viscous Liquid	Visual Inspection
COLOR	Clear to Yellowish	Visual Inspection
BRIX	≥ 71.0%	Internal Method
RESIDUE ON IGNITION	≤ 0.5%	USP31<281>
pH (20°C)	3.0 – 7.0	AOAC 973.41
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: KetoseSweet Syrup



LOT CODE: 2105 UU YY MM DD BB

MANUFACTURE DATE: MM/DD/YYYY

BEST BY: MM/DD/YYYY

INGREDIENTS: Liquid allulose.

ITEMS	STANDARD	RESULTS	TEST METHOD
ASSAY: ALLULOSE	≥ 95%	Complies	Internal Method
APPEARANCE	Viscous Liquid	Complies	Internal Method
COLOR	Clear to Yellowish	Complies	Visual Inspection
BRIX	≥ 71.0%	Complies	Internal Method
RESIDUE ON IGNITION	≤ 0.5%	Complies	Internal Method
pH (20°C)	3.0 – 7.0	Complies	ISO 5492:2008
TOTAL HEAVY METALS	≤ 10 ppm	Complies	USP31<281>
TOTAL PLATE COUNT	≤ 1000 cfu/g	Complies	AOAC 993.14
<i>E. COLI</i>	Negative/10g	Complies	US Pharmacopeia Chapter 60
COLIFORM	≤ 10 cfu/g	Complies	US Pharmacopeia Chapter 60
YEAST & MOLD	≤ 100 cfu/g	Complies	US Pharmacopeia Chapter 60
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 KetoseSweet Syrup sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in the following countries: China, Republic of Korea.

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: KetoseSweet Syrup

PRODUCT NUMBER: 2105

INGREDIENTS	% RANGE COMPOSITION
Liquid Allulose	100%

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: KetoseSweet Syrup

NUTRITIONAL FACTS

Calories	30 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	72 g	26%
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	72.0 g
Dietary Fiber	0.0 g
Starch	0.0 g
Allulose	72.0 g
Sugar Alcohols	0.0 g

FATS & FATTY ACIDS

AMOUNTS PER 100G

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

PROTEIN & AMINO ACIDS

AMOUNTS PER 100G

Protein	0.0 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	0.2 mg
Iron	0.0 mg
Potassium	0.4 mg
Sodium	1.0 mg

OTHER

AMOUNTS PER 100G

Water	≤ 30.0 g
Ash	≤ 1.0 g

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SAFETY DATA SHEET

PRODUCT NAME: KetoseSweet Syrup
ICON FOODS, INC. – USA | PRODUCT #: 2105
CAS REGISTRY NUMBER: 511-68-8
OREGON DEPARTMENT OF AGRICULTURE, FOOD & SAFETY DIVISION ESTABLISHMENT #88294
FDA FOOD MANUFACTURING FACILITY #*****6608
COMPLIANT WITH JECFA GUIDLINES

IDENTIFICATION:	Commercial Name: KetoseSweet Syrup Manufacturer: Icon Foods, Inc.
COMPOSITION:	Liquid allulose. CAS# 511-68-8 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 bitter sweet 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: Viscous liquid. Color: Clear to yellowish 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: 1.35 kg/L Water Solubility: Soluble Other Solubility: In most Basic Food Grade Solvents Partition Coefficient: -- (Octanol/Water): -- 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).

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
1.1	5/15/23	Added density to SDS	ZN
1.2	11/4/2025	Updated COO to include China.	ZN

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