

TECHNICAL DATA

PRODUCT NAME:	Monk Fruit Juice Concentrate V3.5.
ICON FOODS PRODUCT CODE NUMBER:	1517
DESCRIPTION:	Monk Fruit (Luo Han Guo) Concentrate Juice.
COMPOSITION:	Monk Fruit (Luo Han Guo) Concentrate Juice.
COUNTRY OF ORIGIN:	China
ALLERGENS:	Monk Fruit Juice Concentrate 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:	Kosher certifiable.
BSE-TSE:	No animal derived ingredients are used in the production of Monk Fruit Juice Concentrate.
VEGAN/VEGETARIAN:	Contains no animal ingredients or byproducts. Icon Foods has not conducted any studies with this product involving animal testing.
BE/GMO:	Does not require mandatory BE Disclosure. Product is manufactured from non-GMO Monk Fruit (Luo Han Guo).
LABELING:	Monk Fruit Juice Concentrate complies with limits established for residual pesticides as per USP <561>.
PACKAGING & RECOMMENDED STORAGE CONDITIONS:	Monk Fruit Juice Concentrate comes in a 20-kg box in aseptic bags. Monk Fruit Juice Concentrate 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: Monk Fruit Juice Concentrate V3.5

PARAMETERS	SPECIFICATIONS	METHODS
ASSAY: MOGROSID V, %	3.3 – 3.7	HPLC
APPEARANCE	Light yellow clear liquid	Visual Inspection
TASTE	Sweet	Organoleptic
BRIX, °	65 – 70	Refractometer
SWEETNESS (COMPARED TO SUCROSE)	8 – 10	ISO 5492:2008
pH (20°C)	3.5 – 7.0	AOAC 973.41
TOTAL HEAVY METALS, ppm	≤ 10	AOAC 2015.01
LEAD, ppm	≤ 0.4	AOAC 2015.01
CADMIUM, ppm	≤ 0.1	AOAC 2015.01
ARSENIC, ppm	≤ 0.5	AOAC 2015.01
MERCURY, ppm	≤ 0.1	AOAC 2015.01
TOTAL PLATE COUNT, cfu/g	≤ 1000	US Pharmacopeia Chapter 60
<i>E. COLI</i> , /25mL	Negative	US Pharmacopeia Chapter 60
COLIFORM, MPN/100mL	≤ 30	US Pharmacopeia Chapter 60
<i>S. AUREUS</i> , cfu/mL	≤ 1	US Pharmacopeia Chapter 60
YEAST & MOLD, cfu/g	≤ 100	US Pharmacopeia Chapter 60
SALMONELLA, /25mL	Negative	US Pharmacopeia Chapter 60




 Thomas J. King
 Icon Foods, Inc.

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Monk Fruit Juice Concentrate V3.5

LOT CODE: 1517 UU YY MM DD BB

MANUFACTURE DATE: MM/DD/YYYY

BEST BY: MM/DD/YYYY

INGREDIENTS: Monk Fruit (Luo Han Guo) Concentrate Juice.

ITEMS	STANDARD	RESULTS	TEST METHOD
ASSAY: MOGROSID V, %	3.3 – 3.7	Complies	HPLC
APPEARANCE	Light yellow clear liquid	Complies	Visual Inspection
TASTE	Sweet	Complies	Organoleptic
BRIX, °	65 – 70	Complies	Refractometer
SWEETNESS (COMPARED TO SUCROSE)	8 – 10	Complies	ISO 5492:2008
pH (20°C)	3.5 – 7.0	Complies	AOAC 973.41
TOTAL HEAVY METALS, ppm	≤ 10	Complies	AOAC 2015.01
LEAD, ppm	≤ 0.4	Complies	AOAC 2015.01
CADMIUM, ppm	≤ 0.1	Complies	AOAC 2015.01
ARSENIC, ppm	≤ 0.5	Complies	AOAC 2015.01
MERCURY, ppm	≤ 0.1	Complies	AOAC 2015.01
TOTAL PLATE COUNT, cfu/g	≤ 1000	Complies	US Pharmacopeia Chapter 60
E. COLI, /25mL	Negative	Complies	US Pharmacopeia Chapter 60
COLIFORM, MPN/100mL	≤ 30	Complies	US Pharmacopeia Chapter 60
S. AUREUS, cfu/mL	≤ 1	Complies	US Pharmacopeia Chapter 60
YEAST & MOLD, cfu/g	≤ 100	Complies	US Pharmacopeia Chapter 60
SALMONELLA, /25mL	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 Monk Fruit Juice Concentrate sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in China.

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: Monk Fruit Juice Concentrate V3.5****PRODUCT NUMBER: 1517****INGREDIENTS % RANGE COMPOSITION**

INGREDIENTS	% RANGE COMPOSITION
Monk Fruit (Luo Han Guo) Concentrate Juice.	100%

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100G NUTRITIONAL SPECIFICATIONS

PRODUCT NAME: Monk Fruit Juice Concentrate V3.5

NUTRITIONAL FACTS

Calories	200 kcal	
Total Fat	0 g	0%
Saturated Fat	0 g	0%
Trans Fat	0 g	
Cholesterol	0 g	0%
Sodium	45 mg	2%
Total Carbohydrate	50 g	18%
Dietary Fiber	0 g	0%
Total Sugars	50 g	
Includes 0g Added Sugars		0%
Protein	1 g	
Vitamin D	0 mcg	0%
Calcium	10 mg	0%
Iron	0.2 mg	2%
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	50.0g
Dietary Fiber	0.5g
Starch	0.0g
Sugars	50.0g
Sugar Alcohols	0.0g

FATS & FATTY ACIDS

AMOUNTS PER 100G

Total Fat	< 0.1g
Saturated Fat	< 0.1g
Monounsaturated Fat	< 0.1g
Polyunsaturated Fat	< 0.1g
Total Trans Fatty Acids	< 0.1g

PROTEIN & AMINO ACIDS

AMOUNTS PER 100G

Protein	< 1.0g
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VITAMINS

AMOUNTS PER 100G

Vitamin A	< 70.0 IU
Vitamin C	< 0.5 mg
Vitamin D	< 10.0 IU
Vitamin E (Alpha Tocopherol)	< 0.8 mg

MINERALS

AMOUNTS PER 100G

Calcium	5.7 mg
Iron	0.15 mg
Potassium	0.0 mg
Sodium	45.0 mg

OTHER

AMOUNTS PER 100G

Water	40.0 g
Ash	≤ 1.0 g

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SAFETY DATA SHEET

PRODUCT NAME: Monk Fruit Juice Concentrate V3.5

ICON FOODS, INC. – USA | PRODUCT #: 1517

CAS REGISTRY NUMBER: 88901-36-4

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

FDA FOOD MANUFACTURING FACILITY #*****6608

COMPLIANT WITH JECFA GUIDLINES

IDENTIFICATION:	Commercial Name: Monk Fruit Juice Concentrate V3.5 Manufacturer: Icon Foods, Inc.
COMPOSITION:	Monk Fruit (Luo Han Guo) Concentrate Juice with 3.5% Mogroside V. CAS# 88901-36-4 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: Liquid Color: Light 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: --
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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