

## TECHNICAL DATA

<b>PRODUCT NAME:</b>	IMT1020 NF Isomalt
<b>ICON FOODS PRODUCT CODE NUMBER:</b>	1410
<b>DESCRIPTION:</b>	Isomalt, NF.
<b>COMPOSITION:</b>	Isomalt.
<b>COUNTRY OF ORIGIN:</b>	China, Germany.
<b>ALLERGENS:</b>	Isomalt 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>	Isomalt is kosher certified.
<b>BSE:</b>	No animal derived ingredients are used in the production of Isomalt.
<b>LABELING:</b>	Isomalt complies with limits established for residual pesticides as per USP <561>.
<b>PACKAGING &amp; RECOMMENDED STORAGE CONDITIONS:</b>	Isomalt comes in a 25 kg bag. Isomalt should be stored in a cool & dry location in ambient conditions, not to exceed 85 degrees Fahrenheit. Preserve in well-closed containers. 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: IMT1020 NF Isomalt**

PARAMETERS	SPECIFICATIONS	METHODS
APPEARANCE	Crystalline Powder	Visual Inspection
COLOR	White to off-white	Organoleptic
IDENTIFICATION	Retention time Matches Standard	HPLC
ISOMALT (GPM + GPS), %	98.0 – 102.0	HPLC
GPM, %	≥ 3.0	HPLC
GPS, %	≥ 3.0	HPLC
SORBITOL, %	≤ 0.5	HPLC
MANNITOL, %	≤ 0.5	HPLC
TOTAL IMPURITIES, %	≤ 2.0	HPLC
CONDUCTIVITY, μS/CM	≤ 20	USP <644>
REDUCING SUGARS, %	≤ 0.3	FCC; AOAC 906.03, 923.09
WATER, %	≤ 7.0	USP <921>
ASH, %	≤ 0.1	AOAC 930.05
NICKEL (Ni), ppm	≤ 1	AOAC 2011.19, 993.14, 2015.01
LEAD (Pb), ppm	≤ 1	AOAC 2011.19, 993.14, 2015.01
ARSENIC (As), ppm	≤ 0.5	AOAC 2011.19, 993.14, 2015.01
AEROBIC PLATE COUNT, cfu/g	≤ 1000	BAM, FDA Ch. 3; AOAC 996.23
YEAST & MOLD, cfu/g	≤ 100	BAM, FDA Ch. 18
COLIFORMS, MPN/g	≤ 3	BAM, FDA Ch. 4
SALMONELLA, /25g	Negative	BAM, FDA Ch. 5; AOAC 2013.01



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

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**CERTIFICATE OF ANALYSIS**

PRODUCT NAME: IMT1020 NF Isomalt

LOT CODE: 1410 UU YY MM DD BB

MANUFACTURE DATE: MM/DD/YYYY

BEST BY: MM/DD/YYYY

INGREDIENTS: Isomalt

ITEMS	STANDARD	RESULTS	METHODS
APPEARANCE	Crystalline Powder	Complies	Visual Inspection
COLOR	White to off-white	Complies	Organoleptic
IDENTIFICATION	Retention time Matches Standard	Complies	HPLC
ISOMALT (GPM + GPS), %	98.0 – 102.0	Complies	HPLC
GPM, %	≥ 3.0	Complies	HPLC
GPS, %	≥ 3.0	Complies	HPLC
SORBITOL, %	≤ 0.5	Complies	HPLC
MANNITOL, %	≤ 0.5	Complies	HPLC
TOTAL IMPURITIES, %	≤ 2.0	Complies	HPLC
CONDUCTIVITY, μS/CM	≤ 20	Complies	USP <644>
REDUCING SUGARS, %	≤ 0.3	Complies	FCC; AOAC 906.03, 923.09
WATER, %	≤ 7.0	Complies	USP <921>
ASH, %	≤ 0.1	Complies	AOAC 930.05
NICKEL (Ni), ppm	≤ 1	Complies	AOAC 2011.19, 993.14, 2015.01
LEAD (Pb), ppm	≤ 1	Complies	AOAC 2011.19, 993.14, 2015.01
ARSENIC (As), ppm	≤ 0.5	Complies	AOAC 2011.19, 993.14, 2015.01
AEROBIC PLATE COUNT, cfu/g	≤ 1000	Complies	BAM, FDA Ch. 3; AOAC 996.23
YEAST & MOLD, cfu/g	≤ 100	Complies	BAM, FDA Ch. 18
COLIFORMS, MPN/g	≤ 3	Complies	BAM, FDA Ch. 4
SALMONELLA, /25g	Negative	Complies	BAM, FDA Ch. 5; AOAC 2013.01

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.  
 Preserve in well-closed containers. 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

This letter is to certify that Isomalt sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in the following countries: China, Germany.

If you have any questions, please contact Icon Foods Quality Assurance Division at 310-455-9876.



Thomas J. King  
Icon Foods, Inc.

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**INGREDIENT STATEMENT****PRODUCT INGREDIENT LIST****PRODUCT NAME: IMT1020 NF Isomalt****PRODUCT NUMBER: 1410****INGREDIENTS    % RANGE COMPOSITION**

INGREDIENTS	% RANGE COMPOSITION
Isomalt	100%

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

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**100G NUTRITIONAL SPECIFICATIONS**

PRODUCT NAME: IMT1020 NF Isomalt

**NUTRITIONAL FACTS**

Calories	227 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	95 g	35%
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	94.8g
Dietary Fiber	0.0g
Starch	0.0g
Sugars	0.0g
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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**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	0.0 mg
Iron	0.0 mg
Potassium	0.0 mg
Sodium	0.0 mg

**OTHER**

**AMOUNTS PER 100G**

Water	≤ 7.0 g
Ash	≤ 1.0 g

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## SAFETY DATA SHEET

PRODUCT NAME: IMT1020 NF Isomalt

ICON FOODS, INC. – USA | PRODUCT #: 1410

CAS REGISTRY NUMBER: 64519-82-0

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

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

COMPLIANT WITH JECFA GUIDLINES

<b>IDENTIFICATION:</b>	Commercial Name: Isomalt Manufacturer: Icon Foods, Inc.
<b>COMPOSITION:</b>	Isomalt. CAS# 64519-82-0. 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: White 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).

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

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	02/23/2026	Added Germany to Countries of Origin.	ZN
2.0	04/15/2026	Updated parameters and item name.	ZN

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