



SORBEX™ 70 Sorbitol Solution USP/FCC NON-GMO IP 26010090

SORBEX™ 70 Sorbitol Solution 26010090 is used in wide variety of food, confections, pharmaceutical, oral care and industrial applications. This product is produced under Ingredion Incorporated's TrueTrace™ Program for non-GM products.

Chemical and Physical Properties

	Min.	Max.
Water %	28.5	31.5
Assay, % D-Sorbitol	64.0	-
Reducing Sugars*, mL	12.8	-
Identification A		Conforms
Identification B		Conforms
Identification C		Conforms
Residue on ignition, % d.b.	-	0.1
Lead, ppm	-	1
Nickel, ppm	-	1
pH, (14% w/w in water)	5.0	7.5

*Based on a sample wt. of 3.3 g. NLT 12.8 mL of 0.05 N sodium thiosulfate (NMT 0.3% d.b. as glucose)

Properties

	Typical
Form @25C	Clear, colorless, syrupy liquid
Relative Sweetness (vs. sucrose)	60%
Hygroscopicity	Medium
Caloric Value	2.6 kcal/g, d.b.
Viscosity @25C	110 cps

Microbiological Limits

	Max.
Total Plate Count, cfu/g	1000
Yeast, cfu/g	50
Mold, cfu/g	50
Coliforms, MPN/g	3

Nutritional Data/100 g

	Typical
Calories	180
Calories from fat	0
Total Fat, g	0
Cholesterol, mg	0
Sodium, mg	0
Total Carbohydrate, g	70.0
Dietary Fiber, g	0
Total Sugars, g	0
Added Sugars, g	0
Sugar Alcohols, g	70.0
Protein, g	0
Vitamin D, mcg	0
Calcium mg	0
Iron, mg	0
Potassium, mg	0
Ash, g	<0.1*

* Not present at level of quantification.

Certification

Kosher Pareve
Halal

Packaging and Storage

Drums
Recommended storage temperature is 68°F-100°F (20°C - 38°C).

Shelf Life

Stability is greater than 12 months, typically 2-3 years.
Retest every 12 months for assay, water, pH and reducing sugars.

Regulatory Data

Source Corn (IP - TrueTrace™)
CAS No. 50-70-4

United States

Meets USP (United States Pharmacopeia) and FCC (Food Chemical Codex) requirements.

GRAS Affirmation 21 CFR 184.1835
Labeling Sorbitol Solution

Canada

Food Additive
Labeling Sorbitol Syrup

Features and Benefits

TrueTrace™ certified non-GM.
Humectant
Cryoprotectant and freezing point depressant
Moderate sweetness
Non-browning
Non-cariogenic
Bulking for sugar free applications

Effective Date: March 12, 2024

Next Review Date: March 12, 2027

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