

**Description:** Sorbitol 70% is a colorless liquid and has a clean sweet taste. This multifunctional natural sweetener is produced using state-of-the-art technology processing. This ingredient is Halal and Kosher certified and vegan friendly. This product complies the USP and BP Specification.

**Uses:** Sorbitol is an excipient listed in B.P, USP and EU Pharmacopeias for making liquid pharmaceutical preparations. It is also used in diet drinks and desserts, hard-boiled candies, and chewing gums, tooth paste and skincare products.

### Typical Analysis\*\*

Characteristic	Units	Limits
Appearance		Clear, colorless, syrupy liquid
Solubility		Miscible with water
pH (14% Dilution)		5.0-7.5
Conductivity	μ/cm	< 10
Identification A	Color	Deep pink or wine red color
Water	%	28-32
Identification C		Angle of rotation is +1.5 to +3.5
		It is a clear, syrupy liquid at 25C
Assay as Sorbitol	%	72-92
Reducing Sugar	%	Not less than 12.8ml of 0.05M Sodium Thiosulfate used.
Dry Matter	g/100g	68-72
Residue on Ignition	%	Max 0.1
Reducing Sugar (CAL. Glucose Eqv.)	%	Max 0.2

\*\*Typical analysis is not to be construed as product specification. Typical analysis data represent average values, not to be considered as guarantees.

### Nutrient Labelling Information (per 100g)

Total Calories	Kcal	180
Calories from Fat	g	0
Total Fat	g	0
Saturated fat	g	0
Cholesterol	mg	0
Sugar alcohols	g	70
Sugar	g	0
Dietary Fiber	g	0
Other Carbohydrates	g	0
Proteins	g	0
Sodium	mg	0
Calcium	mg	0
Iron	mg	0
Vitamin A	μg as beta carotene	0
Vitamin C	mg	0

### Microbiological Attributes

Total Aerobic Plate Count	<1000 cfu/ml
Yeast & Mold	<100 cfu/ml
E-Coli	Negative
Heavy Metals	
Heavy metal as Lead	Ethylene Glycol - 0.1% Max
	Not More than 0.1% of Diethylene glycol.
	0.5 ppm Max
Nickel	≤1 ppm

### Packaging & Storage

Material shall be packed in appropriate food grade containers for protection and preservation of material integrity. Packaging materials shall not transmit any contaminants or objectionable substances to the material. Opened or damaged containers shall be rejected on receipt. Containers shall be properly labeled with indication of Material Name, Contents, Lot Number, Net Weight, Supplier Name, Address and appropriate Certification Symbol, if required. Containers shall also display the material date of manufacture.

**Shelf Life:** Best if used within 24 months from date of manufacturing. Sorbitol Solution should be stored in cool and dry location (i.e., Temperature <90°F) and away from sunlight.

Material	Net Weight
HDPE Drums	275 Kg/Drum
Paper IBC/Totes	1290 Kg/Tote

### Additional Information

Ricels shall comply with storage and handling requirements, provide ingredient naming conventions, disclose processing aids used, and identify any ingredients exposed to ionizing radiation.

This product has the following certifications:  
ISO 9001-2015 | FSSC 22000 | cGMP | NON-GMO | Halal | Kosher & Vegan.

### Restricted Ingredients\*

Allergens	Chemicals	Artificial Sweetener	Added Color, Flavor and Oils
Soy	Artificial Preservatives	Artificial Sweeteners	FD&C Certified Synthetic Colors
Tree Nuts	Benzoates	Acesulfame-K	Artificial Flavors
Peanuts	BHA and BHT	Aspartame	Bleached Flour
Shellfish	EDTA	Saccharin	Enriched Flour
Fish	Carmine/Cochineal	High Fructose Corn Syrup	Brominated Flour
Eggs	DATEM (Diacetyl Tartaric & Fatty Acid Esters of Mono & Diglycerides)	Modified Food Starch	Brominated Vegetable Oil
Milk	Ethyl Vanillin		Lard
Celery	Monosodium Glutamate (MSG)		Hydrogenated Fats (and Partially Hydrogenated Fats)
Mustard	Natamycin		Salatrim
Sesame	Propylene Glycol		
Lupine	Propionates		
Mollusks	Sorbates/Polysorbates		
Gluten	TBHQ (Tertiary Butylhydroquinone)		
Sulfites	Nitrates/Nitrites		
Crustaceans			

\* All above mentioned chemicals are not present in Ricels products.