

DEXTROSE MONOHYDRATE SPECIFICATION SHEET

PRODUCT DESCRIPTION

Dextrose Monohydrate is white, crystalline granules or granular powder. It is purified and crystallized D-glucose. Contains one molecule of water of crystallization. It is freely soluble in water, very soluble in boiling water, and slightly soluble in alcohol.

RAW MATERIAL

Corn

INGREDIENTS/COMPOSITION

Ingredient name	Content (%)
Dextrose monohydrate	100%

CHEMICAL / PHYSICAL

Parameter	Unit	Range / Value	CoA
Assay	%	99.5 – 100.5	☒
Arsenic	mg/kg	≤ 1	☒
Chlorides	%	≤ 0.018	☒
Lead	mg/kg	≤ 0.1	☒
Loss on drying	%	≤ 10.0	☒
Sulfur Dioxide	%	≤ 0.001	☒
Specific Optical Rotation	-	+52.6° ~ +53.2°	☒
Sulfated ash	%	≤ 0.1	☒
Starch	-	A yellow color indicates the absence of soluble starch	☐
Heavy Metals	ppm	≤ 5	☐

MICROBIOLOGICAL

Parameter	Unit	Range / Value	CoA
Total Aerobic Plate Count	CFU/g	< 1000	☐
Yeast and Mold	CFU/g	< 100	☐
Coliforms	CFU/g	<100	☐
E. coli	CFU/g	Negative	☐
Salmonella	CFU/25 g	Negative	☐

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DIETARY INFORMATION		
Diet	Suitable	Certified
Kosher	Yes	Yes
Halal	Yes	Yes
Vegetarian	Yes	No
Vegan	Yes	No

NUTRITIONAL INFORMATION PER 100g		
Calories	367	kcal
Total fat	0	g
Saturated fat	0	g
Trans fat	0	g
Polyunsaturated fat	0	g
Monounsaturated fat	0	g
Cholesterol	0	mg
Total Carbohydrates	91.75	g
Dietary fiber (2016)	0	g
Soluble fiber (2016)	0	g
Insoluble fiber (2016)	0	g
Total sugars	91.75	g
Added sugars	91.75	g
Protein	0	g
Ash	0	g
Moisture	8.25	g
Vitamin D	0	mcg
Calcium	2	mg
Iron	0	mg
Potassium	0	mg
Sodium	0	mg

GMO STATUS	
Non-GMO by Origin	

ORGANIC STATUS	
NOP Certified	No
EU Certified	No

PACKAGING	
- 25 kg PP/Paper bags with PE liner - 50 lb PP/Paper bags with PE liner	

STORAGE	
Product must be stored in original packaging in a dry area at ambient temperatures, away from aromatic materials and direct sunlight.	

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