PRODUCT DATA SHEET

GLUCOSE - 85-86/38-42 IX CORN SYRUP

- DescriptionPure concentrated non-crystalline aqueous solution of nutritive saccharides,
manufactured from edible corn starch. and is used in food and medical industries
- Application Classic Glucose is a highly refined corn syrup that has been demineralized to contain low level of salts and SO2. It has excellent properties for the manufacturing of confections, jams, jellies and syrups as well as a sugar substitute

Organoleptic properties

Parameter	Properties
Appearance - Color	Colorless liquid

Chemical Specifications

Parameter	Standard
Total dry substance (Brix 20°C)	85-86%
Dextrose Equivalent (DE)	38-42%
рН (1:1)	4.0-6.0
SO2 content	4-6
Sulfated Ash	0.5% max
Baume, Comm (140°/60°)	44-45
Conductivity (µS)	20 max
Color (ICUMSA)	5 max.

Microbiological Specifications

Parameter	Standard
Mesophilic Bacteria	1,000 cfu/10g max
Yeast	100 cfu/10g max
Mold	100 cfu/10g max

Heavy Metals

Parameter	Standard
Lead	0.5 ppm max
Arsenic	1 ppm max
Copper	5 ppm max.

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since we can neither anticipate nor control the different conditions under which this information and our products are used. Each manufacturer should evaluate their final products to determine compliance with all relevant federal, state and local regulations. Further we can disclaim all liability with regard to its customers' infringement of third party intellectual property including, but not limited to, patents. We recommend that our customers apply for licenses under any relevant patents. No statement herein or by our employees shall be construed to imply the non- existence of relevant patents nor as a recommendation or inducement to infringe said patents. It is our policy, however, to assist our customers and to help in the solution of particular problems which may arise in connection with applications of our products.

Typical Carbohydrate Profile (%DS):

	Parameter	Standard	
	Dextrose	14-20	
	Maltose	14-18	
	Maltotriose	12-17	
	High Saccharides	On balance	
Allergens	The product does not conta	The product does not contain any allergenic ingredient.	
Packing		Plastic drums of capacity 300 kg Stainless steel mobile tanks with different capacities ranging from 4 to 15 tons.	
Storage	appropriate and good ven odorous products and pest	The product must be stored in its unopened original packaging, in appropriate and good ventilated place, storage should be free from odorous products and pests Recommended to be stored in bulk at 45-55°C in dry place.	
Shelf life	Shelf life after production d	Shelf life after production date, for closed packs, 24 months.	
Regulatory complia	•	This specification is conforming to the ES 359/2005 and the related regulations and CODEX 212	
Other information	The product is Kocher and	Halal certified	

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