TECHNICAL DATA SHEET

Glucose syrup

Physical properties

Property	Specification
Form	Liquid syrup
Color	Clear colorless to slightly yellowish liquid
Odor	odorless

Chemical properties

Property	Specification
Brix % at 20°C	84 – 86
Dry solids % at 20°C	82 – 84
pH of 50% solution	4.0 – 6.0
SO2 ppm	Max 100
Dextrose equivalent % (DE)	38 – 42

Sugar profile

Component	Value
Glucose %	14 – 20
Maltose %	12 – 18
Protein %	0.1 max
Ash %	0.5 max
Sulphated Ash	0.1 max

Viscosity

Property	Value
Viscosity (82% DS - Spindle L4 – 10 rpm – 50°C - ATAGO) CP	6000 – 12000

Heavy Metals

Parameter	Limit
Lead (ppm)	0.1 max
Copper (ppm)	2.0 max
Arsenic (ppm)	0.1 max

Microbiological properties

Parameter	Limit
Total Count	max. 200 cfu/10 g
Molds & yeast	max. 10 cfu/10 g
E. coli	Absent
Salmonella	Absent

Shelf Life and Storage

Shelf life after production date for closed packs: 24 months when stored in dry place under hygienic conditions.
Recommended storage in bulk at 45–55°C

Packaging

- **Plastic drums of capacity 300 kg**
- **Stainless steel mobile tanks with different capacities**

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