

TECHNICAL DATA SHEET: GLUCOSE FRUCTOSE SIRUPS

1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Dry Matter:** Min 70.0% - 80.0% (grade dependent)
- **Fructose Content (on DS):** 9% - 42%
- **Dextrose Content (on DS):** 30% - 50%
- **pH:** 3.5 – 5.5
- **Sulfur Dioxide (SO₂):** Max 10 mg/kg
- **Appearance:** Clear, colorless to pale yellow viscous liquid

2. SAFETY, CONTAMINANTS & LOGISTICS

- **Heavy Metals:** Pb < 0.1 mg/kg | As < 0.1 mg/kg
- **Microbiology:** Total Plate Count < 1,000 cfu/g; Yeasts & Moulds < 50 cfu/g
- **Storage:** Bulk in stainless steel tanks at 25°C - 35°C to prevent crystallization
- **Shelf Life:** 12 months in cool, dry conditions

3. COMPLIANCE DECLARATION

- Product is obtained from the hydrolysis of starch (corn or wheat)
- Fit for human consumption in the food and beverage industry
- Compliant with EU Regulation 2023/915 and relevant food safety standards