

## TECHNICAL DATA SHEET: HIGH FRUCTOSE CORN SYRUP

### 1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Fructose Content:** Min 42% or 55% (as per grade)
- **Dry Matter:** Min 71.0% (HFCS 42) / 77.0% (HFCS 55)
- **Dextrose:** ~52% (HFCS 42) / ~40% (HFCS 55)
- **pH:** 3.3 – 4.5
- **Color:** Max 25 (RBU/ICUMSA)

### 2. SAFETY, CONTAMINANTS & LOGISTICS

- **Contaminants:** Compliant with EU MRLs for pesticides and heavy metals
- **Logistics:** Transported in food-grade stainless steel tankers
- **Storage:** Maintain temperature between 27°C - 35°C to ensure flowability
- **GMO Status:** GMO labeling required if derived from GM corn as per EU 1829/2003

### 3. COMPLIANCE DECLARATION

- 100% derived from corn (maize) starch
- Meets FOSFA and EU standards for liquid sweeteners
- Free from vegetable fats or non-permitted additives