

TECHNICAL DATA SHEET: WHITE BEET SUGAR

1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Polarisation:** Min 99.7 °Z
- **Moisture (Loss on Drying):** Max 0.06%
- **Conductivity Ash:** Max 0.027%
- **Color in Solution (ICUMSA):** Max 45 IU
- **Sulphur Dioxide (\$SO_2\$):** Max 10 mg/kg
- **Appearance:** Solid white, crystalline texture, sweet taste

2. SAFETY, CONTAMINANTS & LOGISTICS

- **Microbiology:** Total plate count max 200 CFU/10g; Yeasts/Moulds max 10 CFU/10g
- **Storage:** Ambient temperature (15-25°C), humidity < 65%, avoiding thermic shocks
- **Pesticides/Contaminants:** Compliant with EU Regulations 396/2005 and 2023/915
- **Packaging:** 25kg/50kg bags, 1000kg Big-bags, or dry-bulk tankers

3. COMPLIANCE DECLARATION

- 100% derived from sugar beet
- Non-GMO and free from allergens (Regulation EU 1169/2011)
- Compliant with Council Directive 2001/111/EC relating to sugars for human consumption