Sucrose, Hi-LR™

Product Identifier

- CAS No.: 57-50-1
- EC No.: 200-334-9
- Molecular Formula: C₁₂H₂₂O₁₁
- Molecular weight: 342.30
- Synonym: Saccharose, Hi-LR™
- HS Code: 1701 99 90
- Storage: Below 30°C
- Shelf life: 4 years

Technical Specification

- Appearance: Colourless or white crystals or powder
- Solubility: 1000 mg soluble in 1 mL of water
- Clarity: 10% aqueous solution is clear and colourless.
- Specific rotation: +65.9° to +67.0° (c = 10% in water at 25°C)
- Melting range: 185 - 187°C
- Dextrins: Passes test
- Heavy metals (as Pb): <= 0.001%
- Sulphated Ash: <= 0.1%
- Glucose and invert sugar: <= 112.0 mg of cuprous oxide
- Loss on drying (at 105°C, 3 hr): <= 0.1%
- Assay (GC/HPLC): min. 99.00%

Safety Information

- UN No.: Not dangerous goods
- Class: -
- Packing Group: -
- RTECS: WN6500000
- WGK: 2