

Specification

Formula Hill: C₁₂H₂₂O₁₁
Molar Mass: 342,30 g/mol
CAS N°: 57-50-1

Print Date: 10 July 2023

112190 Sucrose ACS

Specifications

Appearance	
- White (hazy)	conforms
- Crystals	conforms
Insoluble Matter	≤ 0,005 %
Invert sugar	≤ 0,05 %
Melting point	
- Aprox. 188 °C	conforms
pH 1%	5,0 - 7,0
Solubility	conforms
Specific rotation	66,3 - 66,8 °
Titrate acid	≤ 0,0008 meq/g
Chloride (Cl)	≤ 0,005 %
Sulfate and sulfite (as SO ₄)	≤ 0,005 %
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Loss on drying	≤ 0,03 %
Residue after ignition	≤ 0,01 %

Conforms to: ACS specification