



Material	27480.260
Material description	D(+)-Saccharose
Grade	AnalaR NORMAPUR
Lot	18A314119
Expires end of	2023-Jan-10
CAS Number	57-50-1
Molecular formula	C ₁₂ H ₂₂ O ₁₁
Molecular mass	342.30

Characteristics	Specifications	Measured values
Acidity	Max. 0.005 meq/g	Max. 0.005 meq/g
Specific optical rotation (26 %; water)	66.4 --> 66.8 °	66.6 °
Glucose	Max. 0.05 %	Max. 0.05 %
Heavy metals (as Pb)	Max. 10 ppm	Max. 10 ppm
Ignition residue (SO ₄)	Max. 80 ppm	13 ppm
Insolubility in water	Max. 30 ppm	Max. 30 ppm
Loss on drying (105°C; 3 h)	Max. 0.05 %	0.04 %
Reducing sugars (calculated as C ₆ H ₁₂ O ₆)	Max. 0.1 %	Max. 0.1 %
Cl (Chloride)	Max. 5 ppm	Max. 5 ppm
N (Nitrogen)	Max. 20 ppm	Max. 20 ppm
SO ₃ (as SO ₂)	Max. 15 ppm	10 ppm
SO ₄ (Sulphate)	Max. 20 ppm	Max. 20 ppm
Ba (Barium)	Max. 0.02 %	< 0.01 %
Ca (Calcium)	Max. 10 ppm	< 1 ppm
Cd (Cadmium)	Max. 0.05 ppm	0.01 ppm
Cu (Copper)	Max. 0.1 ppm	Max. 0.1 ppm
Fe (Iron)	Max. 0.5 ppm	< 0.1 ppm
Ni (Nickel)	Max. 0.1 ppm	Max. 0.1 ppm
Pb (Lead)	Max. 0.5 ppm	Max. 0.5 ppm
Zn (Zinc)	Max. 0.5 ppm	0.1 ppm

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Ellen Somers, Head of Laboratory - Haasrode
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