



Material	27480.294
Material description	D(+)-Saccharose
Grade	AnalaR NORMAPUR
CAS Number	57-50-1
Molecular formula	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>
Molecular mass	342.30

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

Anja Vanhalle, Head of Laboratory - Haasrode  
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