



Version	01
Molecular weight	342.29
Molecular Formula	C12 H22 O11
CAS No	57-50-1
Linear Formula	
Flash Point (°C)	

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	22090	Quality Test / Release Date	01/19/2024
Lot Number	A0445657	Suggested retest date	01/19/2029
Description	D(+)-Sucrose,99+%,for analysis		
Country of Origin	BELGIUM		
Declaration of Origin	plant		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to almost white	White
Appearance (Form)	Crystalline powder or crystals	crystals
Infrared spectrum	Conforms	Conforms
HPLC	$\geq 99.0\%$ (ELSD)	99.9 % (ELSD)
Loss on drying	$\leq 0.1\%$	0.01 %
Sulfated ash	$\leq 0.1\%$	0.01 %
Specific optical rotation	$+66.3^\circ$ to $+67.0^\circ$ (20°C, 589 nm) (c=26, H2O)	$+66.5^\circ$ (20°C, 589 nm) (c=26, H2O)
Chloride (Cl)	≤ 50 ppm	≤ 50 ppm
Sulfite (as SO ₂)	≤ 10 ppm	≤ 10 ppm
Lead (Pb)	≤ 1 ppm	≤ 1 ppm
Copper (Cu)	≤ 1 ppm	ppm None detected
Cadmium (Cd)	≤ 1 ppm	≤ 1 ppm
Iron (Fe)	≤ 5 ppm	≤ 5 ppm
Reducing sugars	$\leq 0.04\%$	$\leq 0.04\%$

C. Wygaerts, QA Manager

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