

## Product Specification

Product Name: Sucrose \*copoeia

beta-D-Fructofuranosyl alpha-D-glucopyranoside

Item Nr.: 1331 MW: 342.30 g/mol C12H22O11  
 CAS Nr.: 57-50-1 E.C.Nr.: EINECS: 200-334-9

Parameter	Method	Specification	Unit
Appearance	visual	White crystalline powder	
Solubility	50% in H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	acc. to EP monogr. 0204 IR+TLC	conforms	
Loss on drying	105°C	≤0.1	%
Conductivity		35	μS/cm
Dextrins	acc. to EP monogr. 0204	conforms	
Endotoxins		≤250	I.U./g
Optical rotation	[α] <sub>20D</sub> 26% in H2O	+66.3 - +67.0	°
Reducing sugars	acc. to EP monogr. 0204	conforms	
Residual solvents	acc. to ICH Q3C (R5)	excl. by prod. process	
Sulfites	acc. to EP monogr. 0204: calculated as SO <sub>2</sub>	≤10	ppm
A260	50% in H2O	<0.20	
A280	50% in H2O	<0.15	
A400	50% in H2O	<0.02	

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 04/27.06.2023