

# Specification



**Formula Hill:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>  
**Molar Mass:** 342,29 g/mol  
**CAS N°:** 99-20-7

## 112901 Trehalose NF

	Specification
Assay (HPLC; anhydrous basis)	97,0 - 102,0 %
Identity	conforms
Identity (IR)	conforms
pH value (0,1% solution)	4,5 - 6,5
Specific rotation	197 - 201 °
Colour and clarity of solution	
- Absorbance (720nm)	≤ 0,050
- Absorbance (A420-A720nm)	≤ 0,100
Chloride (Cl)	≤ 0,01250 %
Nitrogen (N)	≤ 0,005 %
Sulfate (SO <sub>4</sub> )	≤ 0,02 %
Soluble starch	conforms
Related substances	
- Any peaks corresponding to glucose eluting after trehalose	≤ 0,5 %
- Other polysaccharides eluting before trehalose	≤ 0,5 %
Residue after ignition	≤ 0,1 %
Water	≤ 1,0 %
E. coli	negative
Molds and yeasts	≤ 100 cfu/g
Salmonella	negative
Total aerobic count	≤ 100 cfu/g
Endotoxins	negative

This data sheet is representative of the current specifications for this product at the time of printing.  
Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..



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Conforms to:

NF specification

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