

Product Specification

Product Name: Maltose monohydrate

4alpha-D-Glucopyranosyl-D-glucose

Item Nr.: 1703

MW: 360.32 g/mol

C12H22O11*H2O

CAS Nr.: 6363-53-7

E.C.Nr.:

EINECS: 200-716-5

Parameter	Method	Specification	Unit
Appearance	visual	White powder	
Solubility	10% in H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	LC	>92.0	%
pH	10% in H2O	4.0 - 5.5	
Loss on drying	120°C, 5 h	4.5 - 6.5	%
Glucose	LC	≤ 3.0	%
Heavy metals (as Pb)		≤ 5	ppm
Arsenic (As)		≤ 2	ppm
Particle size		≤ 1.70	mm
Sulfated ash		≤ 0.05	%
Microbiological test		≤ 300	CFU/g

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: 02/18.08.2020