

Specification

D(+)-Maltose 1-hydrate *BioChemica*

A3891

Solubility:	1080 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A3891
Product Name:	D(+)-Maltose 1-hydrate <i>BioChemica</i>
Specifications:	<p>Assay (HPLC): min. 94.5 %</p> <p>α20°C/D; 4 %, H₂O: +135° - +139°</p> <p>pH (20 %; H₂O; 25°C): 4.0 - 6.5</p> <p>Heavy metals (as Pb): max. 0.0005 %</p> <p>Insoluble matter: passes test</p> <p>Glucose (TLC): max. 1 %</p> <p>Water (K.F.): max. 6.0 %</p> <p>A (1 cm/0.1 M in H₂O)</p> <p>280 nm: max. 0.1</p> <p>260 nm: max. 0.1</p>
WGK:	nwg
Storage:	RT
Molecular Formula:	C ₁₂ H ₂₂ O ₁₁ · H ₂ O
M:	360.32 g/mol
CAS:	6363-53-7
EINECS:	200-716-5
CS:	17029010

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