

Specification

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

**A1349**

<b>Solubility:</b>	470 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1349
<b>Product Name:</b>	D(+)-Glucose 1-hydrate <i>BioChemica</i>
<b>Specifications:</b>	<p>Assay (HPLC): min. 99 %</p> <p><math>\alpha</math>20°C/D; 10 %, H<sub>2</sub>O: +52.5° - +53.3°</p> <p>pH (10 %; H<sub>2</sub>O): 5.0 - 7.0</p> <p>Heavy metals (as Pb): max. 0.0005 %</p> <p>Insoluble matter: passes test</p> <p>Water (K.F.): 7.0 - 9.5 %</p> <p>Chloride: max. 0.01 %</p> <p>Sulfate: max. 0.02 %</p> <p>A (1 cm/0.5 M in H<sub>2</sub>O)</p> <p>280 nm: max. 0.05</p> <p>260 nm: max. 0.05</p>
<b>WGK:</b>	nwg
<b>Storage:</b>	RT
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> · H <sub>2</sub> O
<b>M:</b>	198.17 g/mol
<b>CAS:</b>	77938-63-7
<b>EINECS:</b>	200-075-1
<b>CS:</b>	17023050

**AppliChem GmbH**

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