

## Product Datasheet

### GC5349 - D-(+)-Glucose monohydrate

Not classified as dangerous for transport.

#### Product Details

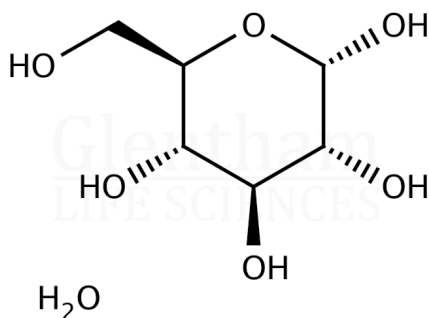
Product Name	D-(+)-Glucose monohydrate
Glenthams Code	GC5349
CAS Number	14431-43-7
EINECS	200-075-1
MDL Number	MFCD00149450
Additional CAS	5996-10-1
Additional CAS	2280-44-6
Additional CAS	50-99-7 (anhydrous)
PubChem SID	310274189
Additional CAS	77938-63-7
Related Categories	Carbohydrates

#### Glenthams Product Specification

Physical Description	: White crystalline powder
Solubility (10% in water)	: Clear, colourless solution
pH (10% in water)	: 6.0 - 7.0
Sulphur Dioxide (SO <sub>2</sub> )	: ≤ 10mg/kg
Water (KF)	: 7.0 - 9.5 %
Assay (HPLC)	: ≥ 99.5%
Identification (IR)	: To conform to standard
Version	: v1.1

#### Structure

Molecular Weight : 198.18  
Molecular Formula : C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> · H<sub>2</sub>O



#### About D-(+)-Glucose monohydrate

The monohydrate form of glucose, a simple monosaccharide produced by plants during photosynthesis. It is supplied as a white powder and is suitable for a range of laboratory, diagnostic and cell culture applications.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.

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