

Product Datasheet

GC5349 - D-(+)-Glucose

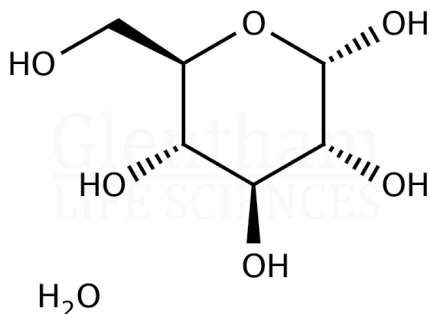
monohydrate

Product Details

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

Structure

Molecular Weight	: 198.18
Molecular Formula	: $C_6H_{12}O_6 \cdot H_2O$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

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 ₂)	: ≤ 10mg/kg
Water (KF)	: 7.0 - 9.5 %
Assay (HPLC)	: ≥ 99.5%
Identification (IR)	: To conform to standard
Version	: v1.1

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.