

## Product Datasheet

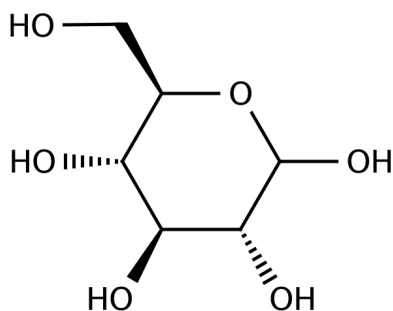
### GC0103 - D-(+)-Glucose, anhydrous, Ph. Eur., USP grade

#### Product Details

Product Name	D-(+)-Glucose, anhydrous, Ph. Eur., USP grade
Glentham Code	GC0103
CAS Number	50-99-7
EINECS	200-075-1
MDL Number	MFCD00063774
Additional CAS	492-62-6 ( $\alpha$ -D-)
Additional CAS	14431-43-7 ( $\cdot$ H <sub>2</sub> O)
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture

#### Structure

Molecular Weight : 180.16  
Molecular Formula : C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White crystalline powder
Identification	: According to Ph. Eur., USP
Solubility	: To pass Ph. Eur., USP tests
Dextrin	: To pass Ph. Eur., USP tests
Soluble Starch, Sulphites	: To pass Ph. Eur., USP tests
Water	: $\leq 1.0\%$
Assay	: 97.5 - 102.0 % (as C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )
Pharmacopoeia Specification(s)	: Ph. Eur., USP
Related Substances	: According to Ph. Eur., USP
Conductivity	: $\leq 20\mu\text{S}/\text{cm}$
Version	: v1.1

#### About D-(+)-Glucose, anhydrous, Ph. Eur., USP grade

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

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