

Product Datasheet

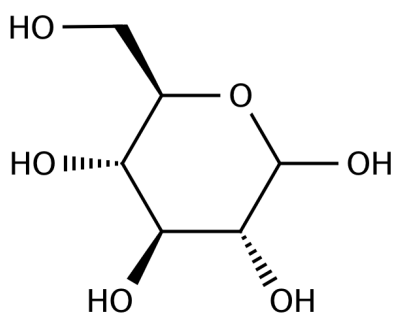
GC0103 - D-(+)-Glucose, anhydrous, Ph. Eur., USP grade

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 (α-D-)
Additional CAS	14431-43-7 (·H ₂ O)
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture

Structure

Molecular Weight	: 180.16
Molecular Formula	: C ₆ H ₁₂ O ₆



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	: ≤ 1.0%
Assay	: 97.5 - 102.0 % (as C ₆ H ₁₂ O ₆)
Pharmacopoeia Specification(s)	: Ph. Eur., USP
Related Substances	: According to Ph. Eur., USP
Conductivity	: ≤ 20μS/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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