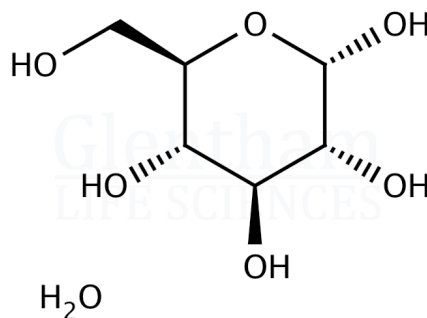


Certificate of Analysis

Product Name	D-(+)-Glucose monohydrate, Ph. Eur., USP grade
Glentham Code	GC9110
CAS Number	14431-43-7
EINECS	200-075-1
MDL-Nummer	MFCD00149450
Zusätzliche CAS	5996-10-1
Zusätzliche CAS	2280-44-6
Zusätzliche CAS	50-99-7 (anhydrous)
Zusätzliche CAS	77938-63-7
Batch Number	398OXQ
Molecular Weight	198.18
Molecular Formula	$C_6H_{12}O_6 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 398OXQ
Physical Description	White or almost white crystalline powder	Entspricht
Identification	To pass Ph. Eur., USP tests	Entspricht
Appearance of Solution	Clear solution, colour ≤ BY7	Entspricht
Colour of Solution	To pass USP test	Entspricht
Conductivity	≤ 20μS/cm (20% in water)	3μS/cm
Foreign Sugars, Soluble Starch, Dextrins	To pass Ph. Eur. test	Entspricht
Sulphites	≤ 15ppm	Entspricht
Dextrin	To pass USP test	Entspricht
Soluble Starch, Sulfitess	To pass USP test	Entspricht
Sulphated Ash	≤ 0.1%	Entspricht
Related Substances	≤ 0.40% (maltose + isomaltose)	Entspricht
Fructose	≤ 0.15%	≤ 0.05%
Maltotriose	≤ 0.20%	≤ 0.05%
Total Related Substances	≤ 0.50% (Ph. Eur.)	0.1%
Any Unspecified Impurity	≤ 0.10% (Ph. Eur.)	≤ 0.05%
Water (KF)	7.5 - 9.5 %	8.8%
Assay	97.5 - 102.0 % (dried basis)	100.7%
Pharmacopoeia Specification(s)	Ph. Eur., USP	Entspricht

Specification Version	v1.1
Manufacture Date	2023-06-05
Re-Test Date	2030-12-01

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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