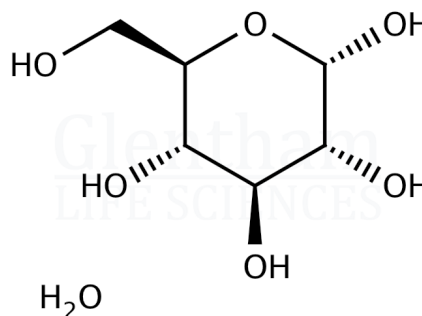


Certificate of Analysis

Product Name	D-(+)-Glucose monohydrate
Glentham Code	GC5349
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)
PubChem SID	310274189
Zusätzliche CAS	77938-63-7
Batch Number	348LLL

Molecular Weight	198.18
Molecular Formula	$C_6H_{12}O_6 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 348LLL
Physical Description	White crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Entspricht
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (10% in water)	6.0 - 7.0	6.7
Sulphur Dioxide (SO2)	≤ 10mg/kg	Entspricht
Water (KF)	7.0 - 9.5 %	8.8%
Assay (HPLC)	≥ 99.5%	Entspricht

Specification Version	v1.1
Manufacture Date	2024-07-14
Re-Test Date	2031-08-29

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025