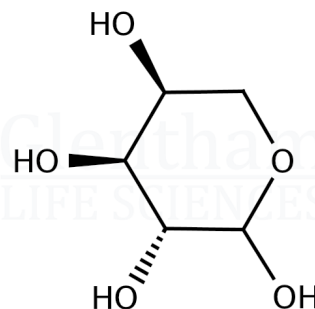


Certificate of Analysis

Product Name	L-(+)-Arabinose
Glentham Code	GC0157
CAS Number	5328-37-0
EINECS	226-214-6
MDL-Nummer	MFCD00135866
Zusätzliche CAS	87-72-9
Zusätzliche CAS	147-81-9 (DL-)
PubChem SID	310266976
Batch Number	723UPH

Molecular Weight	150.13
Molecular Formula	$C_5H_{10}O_5$
Storage Temp.	+20°C



Property	Specification	Batch 723UPH
Physical Description	White to almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Entspricht
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+101.0 - +105.0 ° (c=2, water, 24h)	104.1°
Melting Point	152.0 - 160.0 °C	158.7°C
Loss on Drying	≤ 1.0% (105°C)	0.7%
Assay (GC)	≥ 98.5%	99.8%

Specification Version	v1.2
Manufacture Date	2024-08-12
Re-Test Date	2032-09-11

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