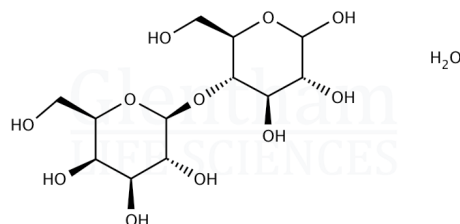


Certificate of Analysis

Product Name	D(+)-Lactose monohydrate
Glentham Code	GK8620
CAS Number	64044-51-5
EINECS	200-559-2
MDL Number	MFCD00166994
Additional CAS	10039-26-6
Additional CAS	14641-93-1
Additional CAS	5989-81-1
PubChem SID	310275680
Additional CAS	63-42-3 (anhydrous)
Batch Number	396YCZ

Molecular Weight	360.32
Molecular Formula	$C_{12}H_{22}O_{11} \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 396YCZ
Physical Description	White to almost white powder	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colorless solution
pH (10% in water)	4.5 - 7.0	5.0
Residue on Ignition	≤ 0.5%	0.2%
Free Water	≤ 0.5%	0.3%
Purity	≥ 99.0% ($C_{12}H_{22}O_{11} \cdot H_2O$)	99.3%

Specification Version	v1.1
Manufacture Date	2023-10-25
Re-Test Date	2031-12-06

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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