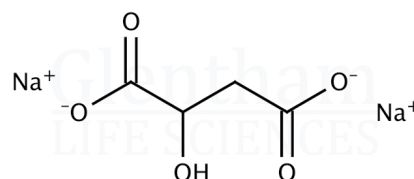


Certificate of Analysis

Product Name	DL-Malic acid disodium salt
Glentham Code	GX1468
CAS Number	676-46-0
EINECS	211-627-6
MDL Number	MFCD00012466
Additional CAS	22798-10-3
Additional CAS	6915-15-7
Batch Number	385OES

Molecular Weight	178.05 (anhydrous)
Molecular Formula	$C_4H_4Na_2O_5 \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 385OES
Physical Description	White crystalline powder	Conforms
Solubility (5% in water)	Clear to faintly turbid, colourless solution	Conforms
Water	20.0 - 25.0 %	23.18%
Assay	98.0 - 102.0 % (dried basis)	100.4%

Specification Version	v1.0
Manufacture Date	2019-02-15
Re-Test Date	2028-04-18

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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