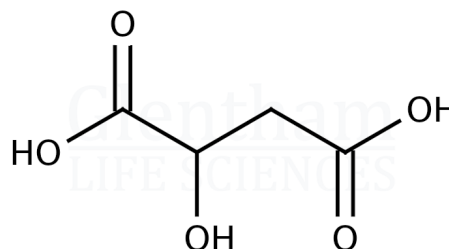


Product Specification

Product Name	DL-Malic acid
Glentham Code	GK7059
CAS Number	6915-15-7
EINECS	230-022-8
MDL Number	MFCD00064212
Additional CAS	617-48-1
PubChem SID	310272330
Molecular Weight	134.09
Molecular Formula	C4H6O5
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Solubility (10% in water)	Clear, colourless solution
Specific Optical Rotation	-0.10 - +0.10 °
Residue on Ignition	≤ 0.1%
Maleic acid	≤ 0.05%
Fumaric acid	≤ 1.0%
Heavy Metals (as Pb)	≤ 20ppm
Lead (Pb)	≤ 2ppm
Arsenic (As)	≤ 3ppm
Mercury (Hg)	≤ 1ppm
Assay	99.0 - 100.5 %

Specification Version	-	v1.0
Date Created	-	2015-12-11

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.

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