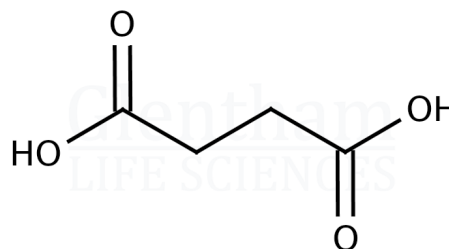


Certificate of Analysis

Product Name	Succinic acid
Glentham Code	GK9938
CAS Number	110-15-6
EINECS	203-740-4
MDL Number	MFCD00002789
PubChem SID	310280322
Batch Number	314VTU
Molecular Weight	118.09
Molecular Formula	C ₄ H ₆ O ₄
Storage Temp.	+20°C



Property	Specification	Batch 314VTU
Physical Description	White crystals or crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Melting Point	185.0 - 190.0 °C	186.8°C
Sulphate (SO ₄)	≤ 0.02%	≤ 0.01%
Chloride (Cl)	≤ 50ppm	≤ 10ppm
Iron (Fe)	≤ 10ppm	1ppm
Arsenic (As)	≤ 2ppm	Not detected
Heavy Metals (as Pb)	≤ 10ppm	≤ 10ppm
Residue on Ignition	≤ 0.1%	0.009%
Assay	≥ 99.5% (dried basis)	99.7%

Specification Version	v1.1
Manufacture Date	2022-01-11
Re-Test Date	2031-01-06

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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