

Product Datasheet

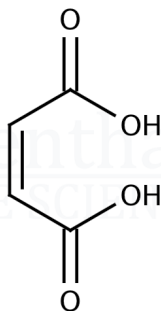
GK3899 - Maleic acid

Product Details

Product Name	Maleic acid
Glentham Code	GK3899
CAS Number	110-16-7
EINECS	203-742-5
MDL Number	MFCD00063177
PubChem SID	310275979
Related Categories	Buffers, Organics, Organic Acids

Structure

Molecular Weight	: 116.07
Molecular Formula	: C4H4O4



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Oral Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3
Signal Word	Warning
Hazard Codes	H302, H315, H317, H319, H335

Precautionary Codes

P261, P280, P301+P312, P302+P350, P305+P351+P338

Pictograms



Glentham Product Specification

Physical Description	: White to almost white crystalline powder
Assay	: 99.0 - 101.0 % (dried substance)
Identification	: According to BP
Appearance of Solution	: 5% in water: Clear, colour ≤Y7
Fumaric acid	: ≤ 1.5%
Iron (Fe)	: ≤ 5ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Water	: ≤ 2.0%
Sulphated Ash	: ≤ 0.1%
Pharmacopoeia Specification(s)	: BP
Version	: v1.0

About Maleic acid

Maleic acid is a dicarboxylic acid that forms a solid at room temperature. It is most commonly used as a raw material in the production of fumaric acid and glyoxalic acid. Within a laboratory setting, it is often used in the preparation of maleate buffer solutions.

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