

Product Datasheet

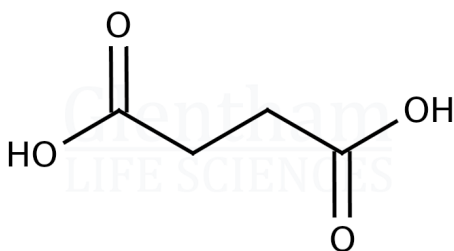
GK9938 - Succinic acid

Product Details

Product Name	Succinic acid
Glenthams Code	GK9938
CAS Number	110-15-6
EINECS	203-740-4
MDL Number	MFCD00002789
PubChem SID	310280322
Related Categories	Biochemicals, Analytical Reagents, Organics, Organic Acids

Structure

Molecular Weight	: 118.09
Molecular Formula	: $C_4H_6O_4$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Dam. 1
Signal Word	Danger
Hazard Codes	H315, H336, H335, H318

Precautionary Codes

P280, P302+P352, P305+P351+P338, P310, P261

Pictograms



Glenthams Product Specification

Physical Description	: White crystals or crystalline powder
Identification (IR)	: To conform to standard
Solubility (10% in water)	: Clear, colourless solution
Melting Point	: 185.0 - 190.0 °C
Sulphate (SO ₄)	: ≤ 0.02%
Chloride (Cl)	: ≤ 50ppm
Iron (Fe)	: ≤ 10ppm
Arsenic (As)	: ≤ 2ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Residue on Ignition	: ≤ 0.1%
Assay	: ≥ 99.5% (dried basis)
Version	: v1.1

About Succinic acid

Succinic acid is a dicarboxylic acid that forms a solid at room temperature. It is a naturally occurring compound that is mostly recognised as being in an intermediate in the citric acid/Krebs cycle. As well as being an intermediate in the production of many other chemicals, succinic acid is a widely used flavouring agent in the food and beverage industry.