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Product Datasheet

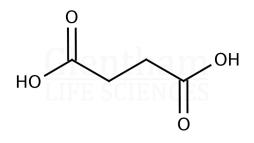
GK9938 - Succinic acid

Product Details

Product Name	Succinic acid
Glentham 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



Glentham 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 (SO4)	:	≤ 0.02%
Chloride (CI)	:	≤ 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.

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