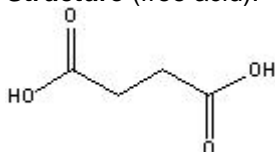


## TECHNICAL INFORMATION

Catalog Number: 101236, 102929, 102972, 191449

### Succinic Acid

Structure (free acid):



	<i>Free Acid</i>	<i>Calcium Salt, Monohydrate</i>	<i>Disodium Salt, Hexahydrate</i>
<b>Molecular Formula:</b>		$C_4H_4O_4Ca \cdot H_2O$	$C_4H_4O_4Na_2 \cdot 6H_2O$
<b>Molecular Weight:</b>	$C_4H_6O_4$	174.2	270.1
<b>CAS #</b>	118.09	140-99-8	150-90-3
	110-15-6		

**Synonym:** Butanedioic acid

**Physical Description:** White to off-white powder

**Solubility:**

*Free acid:* Soluble in water (100 mg/ml - clear, colorless solution), methanol, acetone, glycerol; practically insoluble in benzene, carbon disulfide, carbon tetrachloride, petroleum and ether

*Calcium Salt:* Soluble in 1 M hydrochloric acid (100 mg/ml - may produce a hazy solution)

*Sodium Salt:* Soluble in water (100 mg/ml - clear, colorless solution)

**Availability:**

Catalog Number	Description	Size
102972	Succinic Acid, free acid	250 g 500 g 1 kg 5 kg
191449	Succinic Acid, free acid, ACS Reagent Grade	100 g 500 g 1 kg
101236	Succinic Acid, Calcium Salt, Monohydrate	100 g 500 g
102929	Succinic Acid, Disodium Salt, Hexahydrate	100 g 500 g 1 kg