



### SPECIFICATION SHEET

**Product Name** : Succinic acid, for analysis ACS  
**Product Number** : 970.075  
**Brand** : ISOLAB  
**CAS Number** : 110-15-6  
**Formula** :  $C_4H_6O_4$   
**Formula Weight** : 118.09 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	≥ 99.5 %	%
Melting point	185.0 - 190.0 °C	°C
Description	Colourless crystals, crystalline powder	
Solubility	%10 solution in water is clear colourless	
Insoluble matter	≤ 0.005 %	%
Chloride (Cl)	≤ 0.001 %	%
Ammonium (NH <sub>4</sub> )	≤ 0.001%	%
Sulphate (SO <sub>4</sub> )	≤ 0.005 %	%
Iron (Fe)	≤ 0.0005 %	%
Lead (Pb)	≤ 0.001%	%
Nitrogen compounds (as N)	≤ 0.001 %	%
Fumaric acid (HPLC)	≤ 0.5 %	%
Sulfated ash (600 °C)	≤ 0.02 %	%
Water (according to Karl Fischer)	≤ 0.5 %	%

Quality Management  
Isolab Laborgerate GmbH

