

Product name:
Maleic acid
Grade
USP
Cas-N
110-16-7
Synonyms: cis-Butenedioic acid

Chemical formula: $C_4H_4O_4$
General information

Ec-No	203-742-5	Molar mass	116.07 g/mol
Appearance	White solid	Vapor pressure	<0.1 hPa (20 °C)
Boiling point	202 °C	Solubility	92 g/l
Melting point	130 - 135 °C	Bulk density	478.8 g/l
pH value	1.3 (100 g/l, H ₂ O, 20 °C)		
Density	1.59 g/cm ³ (20 °C)		

Specification

Assay (calc.on anhydrous substance)	99.0 - 101.0 %
Assay (HPLC, calc. on anhydrous substance)	98.0 - 102.0 %
Identity (wet chemistry)	passes test
Appearance of solution	passes test
Fe (Iron)	≤ 5 ppm
Malic acid (HPLC)	≤ 0.5 %
Sulfated ash	≤ 0.1 %
Water (K. F.)	≤ 0.5 %

Hazard Symbol


Available Pack	100 gr	250 gr	500 gr	1kg	5 kg	10 kg
Glass						
P.E				*	*	*

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