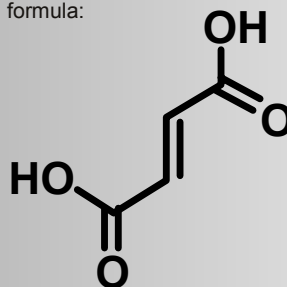


Fumaric Acid, food grade

Formula:



Structural formula:



Mol. weight: 116.07

SYNONYMS:

CAS: 2-Butenedioic acid
CAS RN.: [110-17-8]
German: Fumarsäure
trans-Butendisäure

HANDLING:

Packing: paper bags of 25 kg net
Stability: 3 years
EG-No.: 60714600X
TSCA: listed

SPECIFICATION RL-F 2020/04:

Description: white, fine crystalline powder
Odour: odourless
Identity: IR-Spectrum
Appearance of the solution (5g/100ml ethanol)
Clarity: clear
Colour number: max. 5 APHA
Loss on drying (5g, 105°C, 5h): max. 0.1%
Ash: 50 ppm
Iron: max. 1 ppm
Heavy metals as Pb: max. 5 ppm
Arsenic: max. 1 ppm
Maleic acid: max. 40 ppm

Content of fumaric acid (acidimetry): min. 99.9% calculated on the dry sample

APPLICATIONS:

- Food / Beverages
- Acidulent / stabilizing agent in ice cream, jam, jellies
- Acid regulator for tinned food, yoghurt
- Acidulent in pudding powders, baking powders, effervescent powder, fruit juices
- Combined with esters of gallic acid and ascorbic acid in margarine and butter
- Preservative
- Flavouring agent

REMARKS:

Quality conforms to USP and Food Chemical Codex