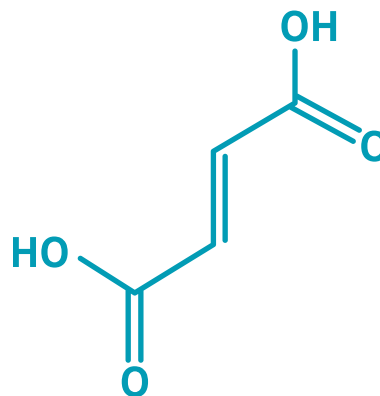


# FA

## FUMARIC ACID, FOOD GRADE

### Fumaric Acid (FA)

Molecular Formula: .....  $C_4H_4O_4$   
Molecular Weight: ..... 116.07 g/mol  
CAS Description: ..... trans-Butenedioic Acid  
CAS No.: ..... [110-17-8]  
EINECS-No.: ..... 203-743-0  
TSCA: ..... listed  
German: ..... Fumarsäure,  
trans-Butendisäure



### Packaging

Big bags of 1000 kg net  
Big bags of 500 kg net

### Applications

**Fumaric Acid (FA)** is a widely used chemical intermediate and building block for several chemical production processes. Besides its application in chemical synthesis major fields of applications for FA are the coatings industry and the use as additive in the food & feed industry.

### Other Properties

Melting point ..... 287°C  
Density at 20°C ..... 1.635 g/cm<sup>3</sup>  
Flash point ..... 230°C

### FA Quality (selected parameters)

Description ..... white, fine crystalline powder  
Odour ..... odourless  
Identity:  
IR-Spectrum ..... conform with ref. spectrum  
Content of fumaric acid (acidimetry) ..... min. 99.9% (calculated on the dry sample)  
Colour number ..... max. 5 APHA

### Specific Requirements

ESIM Chemicals-specification for animal feed grade covers the parameters and limits given for purity of fumaric acid for food additives by the European Community listed under E 297 (2000/63/EC to 96/77/EC).

Produced according to FAMI-QS (183/2005/EC).  
Fulfills the European requirements of EC 178/2002/EC, 1831/2003/EC and ISO 9001:2008 and 14001:2004.

The above chemical substance was registered in accordance with Regulation (EC) No. 1907/2006 (REACH).

The assigned registration number is 01-2119485492-31-0000.

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