



Tech

Technical Data

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# FUMARIC ACID

## GENERAL DESCRIPTION:

Fumaric Acid is a white crystalline compound that is commonly used as a food additive.

## APPLICATIONS

- ◆ Food: additive used to regulate acidity
- ◆ Medicine
- ◆ Polyester Resins
- ◆ Dye mordant

## PHYSICAL & CHEMICAL PROPERTIES:

- ◆ **Appearance:** White crystalline powder
- ◆ **Odor:** Odorless
- ◆ **Physical State:** Solid
- ◆ **pH (0.5% @ 25°C):** 2.2 -2.3
- ◆ **Solubility in Water:** 0.61% @ 25°C

## SPECIFICATIONS

Purity	≥ 99.5 %
Melting Point	≥ 287 °C
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	≤ 0.01 %
Lead (Pb)	≤ 10 ppm
Arsenic (As)	≤ 3 ppm
Ash	≤ 0.05 %
Moisture	≤ 0.25 %

## HANDLING & STORAGE:

**Handling:** Avoid dust formation. Avoid all direct contact with this material.

**Storage:** Store in closed containers. Do not store near incompatible materials. Store in cool, dry, well-ventilated areas.

\*\*\*[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)\*\*\*