

## **FUMARIC ACID REGULAR, USP/NF GRADE – USP/NF compliant**

**FORMULA:** C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>  
**CAS Number:** 110-17-8  
**EINECS Number:** 203-743-0  
**EC Number:** 297

**DESCRIPTION:** White or nearly white crystals, odourless with a tart taste.

### **SPECIFICATION:**

Identification by IR:	Positive for Fumaric Acid
Assay:	99.5 - 100.5%
Maleic Acid:	0.1% max.
Heavy Metals:	<10 mg/kg ppm
Residue on Ignition:	0.1% max.
Moisture:	0.5% max.

**Particle Size:**  
On a US mesh screen #20 mesh (850 micron) - 1% max.  
Through a US mesh screen #120 mesh (125 micron) - 12% max.

**PACKAGING:** Multi-wall paper bags and/or Super Sacks  
Wooden pallet  
Shrink-wrap

**PRODUCTION SITE:** Stoney Creek, Ontario, Canada.

**STORAGE:** Clean, dry (<75% RH), ambient conditions.

**SHELF LIFE:** 24 Months from the date of production under recommended storage conditions.

Date Issued: May 13, 2019  
Supersedes: February 8, 2016