



BARTEK Ingredients Inc.

A Taste for Today and Tomorrow

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

FORMULA: C₄H₄O₄
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: | Positive for Fumaric Acid |
| Assay: | 99.5 - 100.5% |
| Maleic Acid: | 0.10% max. |
| Heavy Metals (as Pb): | 10 ppm max. |
| Residue on Ignition: | 0.10% max. |
| Moisture: | 0.30% max. |
| Organic Volatile Impurities: | ND |

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: July 15, 2011
Supersedes: November 5, 2009