

REV	DATED
0	March 20, 2023
1	April 18, 2023
2	June 26, 2023

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 by IR: Positive for Fumaric Acid
Identification by HPLC: Retention Time Match
Assay – Fumaric Acid (anhydrous) 98.0 -102.0%
Malic Acid: 1.5% max.
Maleic Acid: 0.1% max.
Residue on Ignition: 0.1% max.
Moisture: 0.5% max.

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