

July.31, 2019

## Specification Sheet

### Product: Fumaric Acid

Quality	Food Grade, FCCXI,E297
Use	Food, Feed,Industrial
Shelf life	Two years
Chem. Name	Fumaric Acid , Trans-2-Butenedioic acid
Formula	C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>
EINECS No.	203-743-0
CAS-No.	110-17-8
Customs tariff No.	2917190090
Packaging and storage	Kraft paper bags / clean, dry, ambient condition

Parameters	Method	Specification
Description		White crystalline granules.
Melting Point	E297	286.0-302.0 °C
PH	E297	3.0-3.2 (0.05% solution at 25°C)
Content	E297/FCC	99.5-100.5%
Maleic Acid	E297/FCC	NMT 0.1%
Loss on drying/Moisture	E297/FCC	NMT 0.5 %
Residue on Ignition	FCC	NMT 0.1 %
Arsenic	E297	NMT 2 ppm
Lead	E297/FCC	NMT 2 ppm
Mercury	E297	NMT 1 ppm
Sulphate Ash	E297	NMT 0.1%
Particle Size		Min. 80% through 60mesh or 40-120mesh
APHA Color		NMT 15