



BARTEK Ingredients Inc.

A Taste for Today and Tomorrow

MALIC ACID REGULAR/ POWDER, FOOD GRADE

FORMULA: C₄H₆O₅

CAS Number: 6915-15-7

EINECS Number: 230-022-8

EC Number: 296

The product meets Food Chemicals Codex (FCC) requirements.

DESCRIPTION: White or nearly white crystalline granular with a smooth tart taste. Material is the DL - form of Malic Acid and optically inactive.

SPECIFICATIONS:	Identification:	Positive for Malic Acid
	Assay:	99.0 - 100.5%
	Fumaric Acid:	1.00% max.
	Maleic Acid:	0.05% max.
	Heavy Metals (as Pb):	10 ppm max.
	Lead:	2 ppm max.
	Residue on Ignition:	0.10% max.
	Water Insoluble Matter:	0.10% max.
	Moisture:	0.30% max.
	Specific Rotation:	Between -0.10° and +0.10°

PARTICLE SIZE:	REGULAR		
	On	25 mesh (710 micron)	1% max.
	Through	100 mesh (150 micron)	5% max.
	POWDER		
	Through	60 mesh (250 micron)	99% max.

PACKAGING: Multi-wall paper bag 25 kg (55 lbs)
Wooden pallet 40"(101.6cm) x 48"(121.9 cm)
Shrink-wrap

PRODUCTION POINT: Stoney Creek, Ontario, Canada

STORAGE: Clean, dry, ambient conditions.

SHELF LIFE: Two years from the date of production under recommended storage conditions.

Date Issued: November 5, 2009

Supersedes: September 16, 2008