



**BARTEK** Ingredients Inc.

A Taste for Today and Tomorrow

## MALIC ACID COARSE, FOOD GRADE

**FORMULA:** C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>

**CAS Number:** 6915-15-7

**EINECS Number:** 230-022-8

**EC Number:** 296

The product meets Food Chemicals Codex (FCC) requirements.

<b>DESCRIPTION:</b>	White or nearly white crystalline granular with a smooth tart taste. Material is the DL - form of Malic Acid and optically inactive.		
<b>SPECIFICATIONS:</b>	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°
<b>PARTICLE SIZE:</b>	On	10 mesh (2000 micron)	0%
	Through	50 mesh (300 micron)	10% max.
<b>PACKAGING:</b>	Multi-wall paper bag 25 kg (55 lbs) Wooden pallet 40"(101.6cm) x 48"(121.9 cm) Shrink-wrap		
<b>PRODUCTION POINT:</b>	Stoney Creek, Ontario, Canada		
<b>STORAGE:</b>	Clean, dry, ambient conditions.		
<b>SHELF LIFE:</b>	Two years from the date of production under recommended storage conditions.		

**Date Issued:** November 5, 2009

**Supersedes:** September 16, 2008