

**MAP6010 – Food Chemical Codex (FCC) compliant
MALIC ACID POWDER, FOOD GRADE**

FORMULA: C₄H₆O₅
CAS Number: 6915-15-7
EINECS Number: 230-022-8
EC Number: 296

DESCRIPTION: White or nearly white crystals with a smooth tart taste.

SPECIFICATION:

| | |
|-------------------------|-------------------------|
| Identification by IR: | Positive for Malic Acid |
| Assay: | 99.0 - 100.5% |
| Fumaric Acid: | 1.0% max. |
| Maleic Acid: | 0.05% max. |
| Lead: | 2 mg/kg max. |
| Residue on Ignition: | 0.1% max. |
| Water Insoluble Matter: | 0.1% max. |
| Specific Rotation: | -0.10° to +0.10° |

Particle Size:
Through a US mesh screen #60 (250 micron) - 90% min.

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.

!!! NOT FOR PHARMACEUTICAL USE !!!
Please contact Bartek Ingredients Inc. if USP/NF grade is required.

Date Issued: December 22, 2021
Supersedes: December 16, 2021