

REV	DATED
0	August 23, 2023
1	April 5, 2024

MALIC ACID POWDER- FOOD GRADE

MALIC ACID – FCC, EU 231/2012

Formula: C₄H₆O₅
CAS Number: 6915-15-7
EC Number: 230-022-8
E Number: E296
Molecular weight: 134.09 g/mol

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

SPECIFICATION:

Appearance: White or nearly white crystalline powder or granules
Identification by IR: Positive for Malic Acid
Identification (test for malate): Passes
Assay: 99.0 – 100.5%
Fumaric Acid: 1.0% max.
Maleic Acid: 0.05% max.
Arsenic: 3 mg/kg max.
Lead: 2 mg/kg max.
Mercury: 1 mg/kg max.
Residue on Ignition (Sulfated Ash): 0.1% max.
Water Insoluble Matter: 0.1% max.
Melting Range: 127 – 132 °C
Specific Rotation: -0.10° to + 0.10°

Particle Size: Through a US #60 mesh screen (250 micron): 90.0% 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 or Ph Eur grade is required