

REV	DATED
0	Dec 22, 2021
1	April 18, 2023
2	June 27, 2023

## **MAP6010 - MALIC ACID POWDER - FOOD GRADE**

### **EU No 231/2012 Compliant**

**FORMULA:** C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>  
**CAS Number:** 6915-15-7  
**EINECS Number:** 230-022-8, 210-514-9, 202-601-5  
**EC Number:** 296  
**Molecular weight:** 134.09

**DESCRIPTION:** White or nearly white crystalline powder granules

### **SPECIFICATION:**

Identification (test for malate): Passes test  
Sulphated ash: 0.1% max  
Melting range: 127-132°C  
Assay: 99.0% min  
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.

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

**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.