DL-MALIC ACID COARSE, FOOD GRADE – EU No 231/2012 compliant

FORMULA: $C_4H_6O_5$  
EINECS Number: 230-022-8, 210-514-9, 202-601-5  
EC Number: 296  
Molecular weight: 134.09

DESCRIPTION: White or nearly white crystalline 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 #10 (2000 micron) - 0%  
Through a US mesh screen #50 (300 micron) - 10% 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.

Date Issued: February 8, 2016  
Supersedes: December 3, 2012