

**DL-Malic Acid, AR.**

C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>                      FW. 134.08  
CAS-No.                        6915-15-7  
Code                              [AR1284](#)

Density                        = 1.60 g/cm<sup>3</sup>  
Melting Point                127 - 132 °C

**Specifications**

Assay	99.0 - 100.5%
Identification	Passes test
Residue on Ignition	0.05% max.
Moisture	0.3% max.
Water-Insoluble Matter	0.1% max.
Fumaric Acid	1.0% max.
Maleic Acid	0.05% max.
Sulfated ash	0.1% max.
Heavy metals (as Pb)	5 ppm max.
Arsenic (As)	2 ppm max.
Copper (Cu)	50 ppm max.
Lead (Pb)	2 ppm max.
Mercury (Hg)	1 ppm max.
Zinc (Zn)	25 ppm max.

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S-QC03-AR-P-0118 / RV.00 / Eff.date 01-11-12