



DATA SHEET

Malic Acid Food Grade

Formula:

$C_4H_6O_5$

Description:

White or nearly white crystalline granular/powder with a smooth tart taste. Material is the DL – form of Malic Acid and optically inactive.

Specifications:

Identification	: Positive for Malic Acid
Assay	: Not less than 99.0% and not more than 100.5% $C_4H_6O_5$
Fumaric Acid	: 1.00% max.
Maleic Acid	: 0.05% max.
Heavy Metals (as Pb)	: 10 ppm max.
Residue on Ignition	: 0.10% max.
Water Insoluble Matter	: 0.10% max.
Moisture	: 0.30% max
Specific Rotation	: Between -0.10° and $+0.10^\circ$

Storage:

Two years from the date of production providing product is kept clean and dry.