

BHS Marketing

Western Briquette

DL - Malic Acid China

MOLECULAR FORMULA: $C_4H_6O_5$

MOLECULAR WEIGHT: 134.09

DESCRIPTION: White crystals or crystalline powder.

STRUCTURAL FORMULA: HO - CH - COOH
CH₂ - COOH

SOLUBILITY: It is of steady property, usually soluble in water.

FUNCTIONAL USE: DL-Malic acid is widely used in the food industry, pharmaceutical, light industry, and chemical industry. It is important organic acid, calorie of DL-Malic acid is very low, so it is an ideal additive in food-stuffs. Compared with Citric acid, the flavor is more bland and smooth, mainly used as formulation of synthetic for the daily chemicals, as well as for the lacca lacquers in the chemical industry.

PACKAGING AND STORAGE: 25 kg net in composite paper bag.
Kept in cool and dry place.

ANALYSIS:

Appearance	White Crystalline Powder
Assay	99.0 - 100.5%
Specific Rotation [α] 20/D	-0.10 - +0.10
Heavy metal (as Pb)	10 PPM Max
Arsenic (As)	2 PPM Max
Fumaric Acid	1.0% Max
Maleic Acid	0.05% Max
Water-insoluble matter	0.1% Max
Residue on ignition	0.1% Max

DW/99