

363 – DL-MALIC ACID

REF NO: TBL/QA/SS/LC/363	STANDARD SPECIFICATION FOR DL-MALIC ACID	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 363

PRODUCT PROPERTIES

C.A.S Number	6915-15-7
Chemical Formula	C ₄ H ₆ O ₅
Formula weight	134.09
Functional Uses	DL-Malic acid is used as a food additive. It is a component of some artificial vinegar flavors. Further, it is used in the preparation of chiral compounds, including κ-opioid rece. It is utilized for chiral resolution by ligand-exchange capillary electrophoresis.
Standard Packaging	500 gm. & 5 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Calcium (Ca)	NMT – 0.001%
Heavy metals (Pb)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Melting point	129 – 131°C
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

