

## 5033– DL-MALEIC ACID (FOOD GRADE)

REF NO: TBL/QA/SS/F/5033	STANDARD SPECIFICATION FOR DL-MALEIC ACID (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5033

### PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	DL-Malic Acid is used as a flavor enhancer in food preparation for confectionaries, beverages, fruit preparations and preserves, desserts, and bakery products.
Standard Packaging	50 Kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or nearly white crystalline powder or granules.
Solubility	Very soluble in water; freely soluble in ethanol.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulfated ash	NMT – 0.1%
Lead	NMT – 2 mg/kg
Melting range	127 – 132°C
Fumaric acid	NMT – 1.0%
Malic acid	NMT – 0.05%
Assay	NLT – 99.0%

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

