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DL-Malic Acid SPECIFICATIONS

Product Name : DL-Malic Acid

Chemical Name : DL-Malic Acid

Standards and Criteria : Food Chemicals Codex XII

TEST ITEM	SPECIFICATION
Description	White or nearly white, crystalline powder or granule.
Identification	To pass test
Assay	99.0 - 100.5%
Residue on Ignition(JSFA)	NMT 0.05%
Water-Insoluble Matter	NMT 0.1%
Specific Rotation $[\alpha]_D^{25}$	- 0.10 - + 0.10°
Fumaric Acid	NMT 1.0%
Maleic Acid	NMT 0.05%
Arsenic (as As)	NMT 0.1 mg/kg
Lead	NMT 2 mg/kg
Copper	NMT 50 mg/kg
Zinc	NMT 25 mg/kg
Mercury	NMT 1 mg/kg
Sulphated Ash(FCC)	NMT 0.1%
Water	NMT 0.3%
Melting Point	127 - 132°C
Particle Size(through 0.710mm)	NLT 99%
Particle Size(through 0.150mm)	NMT 5%