

PREMIUM INGREDIENT CO.,LTD

SPEICIFCAITONS OF L-MALIC ACID

Product name: L-Malic acid

Cas no.: 97-67-6

Molecular Formula: C₄H₆O₅

Molecular Weight: 134.09

Description: Colorless and Rhombic Crystals

TEST ITEM	LIMIT
CLARIFY	CLARIFY
CONTENT	≥99%
SPECIFIC ROTATORY POWER [A] D20	- 1.6 ~-2.6°
RESIDUE ON IGNITION	≤0.10%
SULFATE (SO ₄)	≤0.02%
CHLORIDE (Cl)	≤0.004%
LEAD (Pb)	≤2 mg/kg
ARSENIC (As)	≤2 mg/kg
MERCURY (Hg)	≤1 mg/kg
HEAVY METAL	≤10 mg/kg
FUMARIC ACID	≤0.5%
MALEIC ACID	≤0.05%
D-MALIC ACID	<0.5%