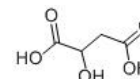


Technical Data Sheet

DL-Malic acid

Compound Information

Product Name:	DL-Malic acid
CAS No.:	617-48-1
Molecular Formula:	C ₄ H ₆ O ₅
Molecular Weight:	134.09
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	White crystal powder or crystalline grains powder
Melting Point	131-133 °C(lit.)
Heavy Metals	≤10 ppm
Cation	Arsenic (As) : ≤2 ppm, Lead (Pb) : ≤2 ppm, Mercury (Hg) : ≤1 ppm
Acid value	Fumaric acid : ≤ 1%, Maleic acid : ≤ 0.05%
Specific Rotation	[α] _{D20} = -0.1 to +0.1 °
Insoluble	≤ 0.1% (Water)
Sulfated Ash	≤ 0.1%
Purity	99.0 - 100.5%
Specification Reference	E296/FCC9

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