

Item Number	MA147
Item	Malic Acid, FCC
CAS Number	617-48-1
Molecular Formula	C ₄ H ₆ O ₅
Molecular Weight	134.09
MDL Number	
Synonyms	(2RS)-2-Hydroxybutanedioic Acid ; DL-Hydroxysuccinic Acid ; Malic Acid

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (C ₄ H ₆ O ₅)	99.0	100.5 %
OPTICAL ROTATION, [α] 25D	-0.10° to +0.10°	
FUMARIC ACID		1.0 %
LEAD (Pb)		2 mg/kg
MALEIC ACID		0.05 %
RESIDUE ON IGNITION		0.1 %
WATER-INSOLUBLE MATTER		0.1 %
IDENTIFICATION		TO PASS TEST
CERTIFIED KOSHER		
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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