spectrum™
chemicals & laboratory products

Item Number	MA147
Item	Malic Acid, FCC
CAS Number	617-48-1
Molecular Formula	$C_4H_6O_5$
Molecular Weight	134.09

Assay ($C_4H_6O_5$)	99.0-100.5%
Optical Rotation, $[\alpha]_D^{25}$	-0.10° to +0.10°

MAXIMUM LIMITS

Fumaric Acid	1.0%
Lead	2 mg/kg
Maleic Acid	0.05%
Residue on Ignition	0.1%
Water-Insoluble Matter	0.1%

Spectrum Chemicals & Laboratory Products

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