

**PRODUCT SPECIFICATION**

**Printed:** 2/10/2014

**Catalog :** M1336

Malic Acid, NF

**CAS# :** 617-48-1

**Formula :** C4H6O5

**Formula Weight :** 134.09

**Test**

**Limit  
Min. Max.**

	99.0 - 100.5 %
	-- 0.1 %
	-- 0.1 %
	-- 0.002 %
	-- 1.0 %
	-- 0.05 %
	--TO PASS TEST
	--TO PASS TEST
ASSAY	99.0 - 100.5 %
RESIDUE ON IGNITION	-- 0.1 %
WATER-INSOLUBLE SUBSTANCES	-- 0.1 %
HEAVY METALS	-- 0.002 %
FUMARIC ACID	-- 1.0 %
MALEIC ACID	-- 0.05 %
IDENTIFICATION	--TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	--TO PASS TEST