

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Maleic acid**
Specifications & Purity: PharmPure™, USP, Ph.Eur., pharmaceutical grade, GMP
SKU #: **M774660**

Parameter	Limit Values
Appearance of solution	Conforms
Assay(dry basis)	99-101 (%)
Assay(HPLC)(calc.on dried substance)	98-102 (%)
Iron(Fe)	0-5 (ppm)
Fumaric acid	0-1 (%)
Fumaric acid(TLC)	0-1.5 (%)
Identity	Passes test
Identity(pH)	Passes test
Identity (wet chemistry)	passes test
Identity (IR-spectrum)	conforms
Identity(TLC)	Passes test
Malic acid(HPLC)	0-0.5 (%)
Residual solvents (ICH Q3C)(excluded by manufacturing process)	pass
Sulfated Ash	0-0.1 (%)
Water by Karl Fischer	0-0.5 (%)
Appearance(M774660)	white or almost white, crystalline powder
Solubility:soluble in water and in ethanol (96 per cent)	Pass
Melting point	133-137 (°C)
Heavy metals	0-10 (ppm)