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Maleic Acid,

$C_4H_4O_4$ 116.07 CAS RN[®]: 110-16-7.—White, crystalline powder. Soluble in 1.5 parts of water, in 2 parts of alcohol, and in 12 parts of ether.

Assay: Dissolve about 2 g, accurately weighed, in 100 mL of water and titrate with 1 N sodium hydroxide VS, using phenolphthalein TS as the indicator. Each mL of 1 N sodium hydroxide is equivalent to 58.04 mg of $C_4H_4O_4$; not less than 99% of $C_4H_4O_4$, calculated on the dried basis, is found.

Loss on Drying: Dry it in vacuum over phosphorus pentoxide for 2 hours: it loses not more than 1.5% of its weight.

RESIDUE ON IGNITION (281): not more than 0.1%.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
MALEIC ACID	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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