

# Technical Specification

**PRODUCT : Maleic acid ERBApharm - According to pharmacopoeia : BP-Ph.Eur.-USP-NF**

**CODE : 407260**

**MOLECULAR WEIGHT :116,07**

**CAS N° : 110-16-7**

**FORMULA : HOOCCH:CHCOOH**

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification	-	Positive
Identification (I.R.)	-	Positive
Appearance of solution	-	Conform*
Water (K.F.)	%	<= 0.5
Sulfated ashes	%	<= 0.1*
Heavy metals (as Pb)	ppm	<= 10*
Fe	ppm	<= 5*
Assay (acidimetric)	% (d.s.)	99.0 - 101.0*
Assay (HPLC)	% (d.s.)	98.0 - 102.0
Fumaric acid	Ph.Eur.	Conform*
Limit of fumaric acid	%	<= 1.0*
Limit of maleic acid	%	<= 0.5*
Origin (BSE/TSE)	-	Synthesis
Residual solvents (Current ICH)	-	Conform*

## CHARACTERS

A white or almost white, crystalline powder, freely soluble in water and in ethanol (96 per cent).

\* Parameters marked with \* are tested periodically

This batch has been released by authorized personnel

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in