

Carlo Erba Reagents S.A.S. Parc d'Affaires des Portes Chaussée du Vexin - BP 616 27106 Val de Reuil Cedex T61:02.32.09.20.00 Fax 02.32.09.20.20 Z.I DE VALDONNE - BP 4 13124 PEYPIN Tél.:04.42.32.41.41 Fax 04.42.72.41.62 Carlo Erba Reagents S.r.l. Via R. Merendi, 22 20010 Cornaredo (Mi) Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

# **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 pow der
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 pow der, 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

QUALITY CONTROL RESPONSIBLE B. COULANGE (VDR)