

Technical Specification

PRODUCT : Iron (II) sulfate heptahydrate ERBApharm - According to pharmacopoeia : BP-DAB-FU-Ph.Eur.-Ph.Franc.

CODE : 344950

MOLECULAR WEIGHT :278,05

CAS N° : 7782-63-0

FORMULA : FeSO4.7H2O

TEST	U.M.	SPECIFICATION
Description	-	Light green cryst. powder or green-blue crystals
Identification	-	Positive
Ferric ion	%	<= 0.3*
pH (5%w/w solution)	-	3.0 - 4.0*
Chloride	ppm	<= 200*
Co	ppm	<= 25*
Cr	ppm	<= 50*
Cu	ppm	<= 50*
Mn	%	<= 0.1*
Ni	ppm	<= 50*
Zn	ppm	<= 50*
Assay (oxydometric)	%	98.0 - 105.0

CHARACTERS

Appearance: light green, crystalline powder or bluish-green crystals, efflorescent in air.

Solubility: freely soluble in water, very soluble in boiling water, practically insoluble in ethanol (96 per cent).

Ferrous sulfate heptahydrate is oxidised in moist air, becoming brown.

* 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