

20 NOV 2024

[Signature]

CODE: 141362

BATCH: 0002596999

PRODUCT:

Iron(II) Sulfate 7-hydrate (USP, BP, Ph. Eur.) pure, pharma grade

ISSUE DATE: 12/11/2024

RETEST DATE: 11/2028

SPECIFICATIONS

Assay (Cerim.)
Identity according to Pharmacopoeias:
pH of 5% solution

Maximum limit of impurities
Appearance of solution
Insoluble matter in H₂O
Chloride (Cl)
Phosphate (PO₄)
Residual solvents (Ph.Eur/USP)
Fe(III)

As
Cr
Cu
Hg
Mg
Mn
Ni
Pb
Zn

Elemental impurities (ICH Q3D):

Class 1

Cd
Pb
As
Hg

Class 2A

Co
V

Ni

Class 2B

Tl
Au
Pd
Ir
Os
Rh
Ru
Se
Ag
Pt

Class 3

Li
Sb
Ba
Mo
Cu
Sn
Cr

GUARANTEE VALUE

99,5-104,5 %
passes test
3,0-4,0

passes test

0,01 %
0,02 %
0,003 %
passes test
0,3 %
0,00015 %
0,0025 %
0,005 %
0,00015 %
0,025 %
0,1 %
0,002 %
0,00005 %
0,005 %

0,5 ppm
0,5 ppm
1,5 ppm
1,5 ppm

5 ppm
10 ppm
20 ppm

50 ppm
10 ppm
10 ppm
10 ppm
10 ppm
10 ppm
10 ppm
50 ppm
15 ppm
10 ppm

55 ppm
120 ppm
140 ppm
25 ppm
50 ppm
600 ppm
25 ppm

ACTUAL VALUE

100,8 %
passes test
3,1

passes test

<0,01 %
<0,02 %
<0,003 %
passes test
<0,3 %
<0,00015 %
<0,0025 %
<0,005 %
<0,00015 %
<0,025 %
<0,1 %
<0,002 %
<0,00005 %
<0,005 %

<0,5 ppm
<0,5 ppm
<1,5 ppm
<1,5 ppm

<5 ppm
<10 ppm
<20 ppm

<50 ppm
<10 ppm
<10 ppm
<10 ppm
<10 ppm
<10 ppm
<10 ppm
<50 ppm
<15 ppm
<10 ppm

<55 ppm
<120 ppm
<140 ppm
<25 ppm
<50 ppm
<600 ppm
<25 ppm

You must not use if it is recovered by yellow-brownish Ferric Sulphate, Basic
This product could get lumpy

This product could get lumpy

Panreac Química SLU
C/Garraf, 2
Polígono Pla de la Bruguera
E-08211 Castellar del Vallès
(Barcelona) Spain
Phone +34 937 489 400
info.es@itwreagents.com
www.itwreagents.com

QA Director
T. Llauradó

CODE: 141362

BATCH: 0002596999



DISTRIBUIDO POR
METAPHARMACEUTICAL
INDUSTRIAL SLU

20 NOV 2024