

neoFroxx GmbH

 Marie-Curie-Str. 3
 D-64683 Einhausen

 Telefon: +49 (6251) 989 24 - 0
 Telefax: +49 (6251) 989 24 - 10

 E-Mail: info@neofroxx.com
www.neofroxx.com

Certificate of Analysis

Product	Iron(II) sulfate heptahydrate
Brand	Labochem

Quality	pure EP, USP
Product number	LC-4593
Lot number	86752
Synonyms	Ferrous sulfate
Formula	$\text{FeO}_4\text{S} \cdot 7\text{H}_2\text{O}$
Molecular weight	278.02 g/mol
CAS number	7782-63-0
Solubility (20°C in water)	400 g/l
Melting point	64°C
Storage	RT
Manufacturing date	March 2016
Retest date	March 2021

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP 8.0) and the US Pharmacopoeia (USP 37).

The product is of non animal origin! Therefore no corresponding certificate is available. Due to the origin of this product TSE/BSE can be excluded.

Country of Origin (CoO): Spain

All packaging materials are not of animal origin. The product does not come in contact with animal products during storage or transportation.

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Parameter	Specification	Result
Assay (titr.)	99.5 - 102.0 %	102,44 %
Identity	passes test	complies
Appearance of solution	passes test	complies
pH (5 % in water; 25°C)	3.0 - 4.0	3.23
Chloride	max. 0.01 %	complies
Al	max. 0.0005 %	complies
As	max. 0.0002 %	complies
Cr	max. 0.005 %	complies
Cu	max. 0.005 %	complies
Fe(III)	max. 0.3 %	complies

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Hg	max. 0.0001 %	complies
Mn	max. 0.1 %	complies
Mo	max. 0.000075 %	complies
Ni	max. 0.005 %	complies
Pb	max. 0.0002 %	complies
Zn	max. 0.0025 %	complies
Residual solvents (ICH Q3C)	excluded by production process	complies

Einhausen, 20.04.2017	Quality control: M.F.
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