



# Specification

1.03943.0250 Iron(III) chloride hexahydrate for analysis EMSURE® ACS, Reag. Ph Eur

	Specification	
Assay (iodometric, FeCl <sub>3</sub> ·6H <sub>2</sub> O)	99.0 - 102.0	%
Identity	passes test	
Insoluble matter	≤ 0.01	%
Free chlorine	passes test	
Acidic substances	passes test	
Nitrate (NO <sub>3</sub> )	≤ 0.01	%
Sulfate (SO <sub>4</sub> )	≤ 0.01	%
Total nitrogen (N)	≤ 0.001	%
Total phosphorus (as PO <sub>4</sub> )	≤ 0.01	%
Heavy metals (as Pb)	≤ 0.005	%
Ca (Calcium)	≤ 0.01	%
Cu (Copper)	≤ 0.003	%
Fe II (Iron II)*	≤ 0.002	%
K (Potassium)	≤ 0.005	%
Mg (Magnesium)	≤ 0.005	%
Na (Sodium)	≤ 0.05	%
Zn (Zinc)	≤ 0.003	%

\* The Fe(II)-content increases if the recommended storage conditions (+15 to +25 °C) are not observed.

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Responsible laboratory manager quality control

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