



## آنالیز سولفات آهن

Physicochemical Information	
Density	2.97 g/cm <sup>3</sup>
Melting Point	300 °C Elimination of water of crystallisation
pH value	2.5 - 3.8 (50 g/l, H <sub>2</sub> O, 20 °C)
Bulk density	850 kg/m <sup>3</sup>
Solubility	256 g/l

Specifications	
Assay (manganometric, Fe SO <sub>4</sub> )	86.0 - 89.0 %
Identity	passes test

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<b>Specifications</b>	
<b>Insoluble matter</b>	$\leq 0.05 \%$
<b>pH-value (5 %; water)</b>	3.0 - 4.0
<b>Chloride (Cl)</b>	$\leq 0.03 \%$
<b>Iron(III)-salts</b>	$\leq 0.4 \%$
<b>Heavy metals (as Pb)</b>	$\leq 0.005 \%$
<b>As (Arsenic)</b>	$\leq 0.0002 \%$
<b>Cr (Chromium)</b>	$\leq 0.0100 \%$
<b>Cu (Copper)</b>	$\leq 0.0025 \%$
<b>Hg (Mercury)</b>	$\leq 0.0003 \%$
<b>Mn (Manganese)</b>	$\leq 0.1 \%$
<b>Ni (Nickel)</b>	$\leq 0.0100 \%$

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Specifications	
<b>Pb (Lead)</b>	$\leq 0.001 \%$
<b>Zn (Zinc)</b>	$\leq 0.0025 \%$
<b>Residual solvents (ICH Q3C)</b>	excluded by production process



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