

Technical data sheet



Product name: **Iron (II) sulfate heptahydrate**

Grade: **Extra pure**

Chemical formula: $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

Molar mass: 278.01 g/mol

Synonyms: Ferrous sulfate heptahydrate; Iron(2+) sulfate heptahydrate

General information	
Cas- No.	7782-63-0
Ec-No.	231-753-5
Appearance	Blue-green solid
Boiling point	N/A
Melting point	64 °C
Flash point	N/A
Spec.density	1.898 g/cm ³ (25 °C)
Vapour pressure	14.6 hPa (25 °C)
Solub. In H ₂ O	400 g/l
Storage temp	≤+30 °C
R:	22
S:	24/25

Specification	
Assay	99.5 - 102.0 %
Identity	conforms
Appearance of solution	conforms
Insoluble matter	≤ 0.01 %
pH-value	3.0 - 4.0 (5%; water)
Heavy metals as Pb	≤ 0.005 %
Iron III	≤ 0.5 %
Manganese	≤ 0.1 %
Bulk density	600 kg/m ³
Substance not precipitated by ammonium hydroxide	≤ 0.1 %

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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