



Product: Ammonium Ferrous Sulphate 6-hyd

CAS: 7783-85-9

Sr. No.	Parameter	LR Specifications	AR Specifications	ACS Specifications
1	Description	<i>Pale greenish fine crystals</i>	<i>Pale greenish fine crystals</i>	<i>Pale greenish fine crystals</i>
2	Test Solution (5g in 50ml water + 1ml H ₂ SO ₄)	<i>Solution must be clear and pale greenish</i>	<i>Solution must be clear and pale greenish</i>	<i>Solution must be clear and pale greenish</i>
3	pH (5% solution in water)	<i>3.5 min</i>	<i>3.5 min</i>	-
4	Assay (as (NH ₄) ₂ Fe(SO ₄) ₂ .6H ₂ O)	<i>99% min</i>	<i>99% min</i>	<i>98.5 - 101.5%</i>
5	Water Insoluble Matter	-	<i>0.01% max</i>	<i>0.01% max</i>
6	Chloride, as Cl	<i>0.002% max</i>	-	-
7	Phosphate, as PO ₄	-	<i>0.003% max</i>	<i>0.003% max</i>
8	Calcium, as Ca	-	<i>0.005% max</i>	<i>0.005% max</i>
9	Copper, as Cu	<i>0.002% max</i>	<i>0.003% max</i>	<i>0.003% max</i>
10	Ferric Iron, as Fe ⁺³	<i>0.03% max *</i>	<i>0.02% max *</i>	<i>0.01% max *</i>
11	Magnesium, as Mg	-	-	<i>0.002% max</i>
12	Manganese, as Mn	-	<i>0.05% max</i>	<i>0.01% max</i>
13	Potassium, as K	-	<i>0.002% max</i>	<i>0.002% max</i>
14	Sodium, as Na	-	<i>0.02% max</i>	<i>0.02% max</i>
15	Zinc, as Zn	-	<i>0.003% max</i>	<i>0.003% max</i>
16	Heavy Metals, as Pb	<i>0.002% max</i>	-	-

* Due to inherent oxidation, ferric ion (Fe⁺³) content may increase on storage.

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