

SYSTEM

Certificate Of Analysis

PRODUCT NAME : Ammonium Iron II Sulphate, Hexahydrate, *ChemAR*
CATALOGUE NUMBER : AM518-00
FORMULA : $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
MOLECULAR WEIGHT : 392.14
CAS. NUMBER : [7783-85-9]
BATCH NUMBER : 160513151509
EXP.DATE : May./2020

	Specification		Batch Value	
Assay(manganometry)	min.99.8	%	99.9	%
pH(5%,water)	3.0-----5.0		4.12	
Chloride(Cl)	max.0.001	%	<0.001	%
Phosphate(PO_4)	max.0.002	%	<0.002	%
Iron(III)salts(Fe^{3+})	max.0.01	%	<0.01	%
Calcium(Ca)	max.0.01	%	<0.01	%
Copper(Cu)	max.0.002	%	<0.002	%
Potassium(K)	max.0.01	%	<0.01	%
Magnesium(Mg)	max.0.01	%	<0.01	%
Manganese(Mn)	max.0.01	%	<0.01	%
Lead(Pb)	max.0.001	%	<0.001	%
Sodium(Na)	max.0.01	%	<0.0003	%
Zinc(Zn)	max.0.003	%	<0.003	%
Substances not precipitated by ammonia (as sulfate)	max.0.05	%	<0.05	%
Melting point	100 ^o C		pass	
Soluble in water/20 ^o C	269g/l		pass	

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