SynthiCure
An ISO 9001 : 2015 Certified Company

CERTIFICATE OF ANALYSIS

Product Name	Ferrous sulfate heptahydrate, AR		
Synonyms	Iron(II) sulfate heptahydrate,		
CAS No	7782-63-0		
Product code	SY00335	**Batch No**	LFEBF0902
Molecular Formula	$FeO_4S \cdot 7H_2O$	**Molecular Weight**	278.01
Mfg. Date	Sep-26	**Expiry Date**	Aug-31

Storage Conditions Store at room temperature, tightly closed container

Test	Specification	Results
Description	Green or bluish – green, Crystalline powder	Bluish – green, Crystalline powder
Solubility	10% aq. solution with 1ml dilute H2SO4	Complies
Assay (Redox Titration)	NLT 99.00%	99.80%
Insoluble matter	NMT 0.01%	0.005%
Chloride (Cl)	NMT 0.001%	Passes
Phosphate (PO4) Water	NMT 0.001%	Passes
Potassium (K)	NMT 0.002%	Passes
Sodium (Na)	NMT 0.02%	Passes
Ferric Iron(Fe+3)	NMT 0.1%	Passes
Manganese (Mn)	NMT 0.05%	Passes
Magnesium (Mg)	NMT 0.002%	Passes
Calcium (Ca)	NMT 0.0005%	Passes
Zinc (Zn)	NMT 0.005%	Passes

Approved by
Dr. Gopinath PH. D

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