



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	:	Ferrous Sulphate Heptahydrate	<b>CAS No.</b>	:	7782-63-0
<b>Molecular Formula</b>	:	FeSO <sub>4</sub> .7H <sub>2</sub> O	<b>Molecular Weight</b>	:	278.01 g/mole
<b>Batch No.</b>	:	QF2601135	<b>Grade</b>	:	AR
<b>Mfg. Date</b>	:	January-2026	<b>Retest Date</b>	:	December-2030

Sr.No.	Tests	Specification	Observation
1	Appearance	Light blue or blue-green or green powder	Complies
2	Assay	99.0%	99.52%
	<b>Maximum limits of impurities:#</b>		
3	Insoluble matter	0.005 %	Complies
4	Ph of aqueous solution (5% in carbon dioxide free water)	3.0-4.0	3.22
5	Chloride(Cl)	0.0005%	< 0.0005 %
6	Nitrogen compounds(N)	0.001 %	0.0004 %
7	Phosphate(PO <sub>4</sub> )	0.001 %	0.0006%
8	Copper (Cu)	0.001%	0.0002 %
9	Ferric iron(Fe)	0.02%	0.01 %
10	Lead(Pb)	0.0005%	0.0002 %
11	Manganese(Mn)	0.05%	0.03 %
12	Zinc(Zn)	0.005%	0.002 %

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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