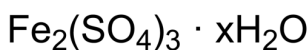


## Certificate of Analysis

### Compound Information

Product Name:	Iron(III) sulfate hydrate
Cat. No.:	1085837
CAS No.:	15244-10-7
Molecular Formula:	$\text{Fe}_2\text{O}_12\text{S}_3 \cdot x\text{H}_2\text{O}$
Molecular Weight:	399.88
Chemical Structure:	



### Batch Information

Batch No.:	Lg0327230821
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-03-27
Retest Date:	2026-03-26
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	Yellow to brown (Solid)	Yellow (Powder)
Iron(Fe), $\omega/\%$ :	21.0-23.0	21.32
Water Insoluble Substance, $\omega/\%$ :	$\leq 0.01$	0.002
Chloride(Cl), $\omega/\%$ :	$\leq 0.002$	0.001
Nitrate( $\text{NO}_3$ ):	Qualified	Qualified
Reducing Substances (As $\text{Fe}^{2+}$ ), $\omega/\%$ :	$\leq 0.01$	0.003
Copper(Cu), $\omega/\%$ :	$\leq 0.005$	0.0021
Zinc(Zn), $\omega/\%$ :	$\leq 0.005$	0.0026
Arsenic(As), $\omega/\%$ :	$\leq 0.0005$	0.0002
Alkali Metals And Alkaline Earth Metals, $\omega/\%$ :	$\leq 0.1$	0.023
Conclusion:	The product has been tested and complies with the given specifications.	

**Caution: Research use only and are not intended for human use.**

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