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## Certificate of analysis

### Reference #: FE8109 - 081808

Date 06-10-21

Product name	<b>Iron(II) chloride tetrahydrate, reagent grade</b>				
Ereztech #	<b>FE8109</b>	CAS#	<b>13478-10-9</b>	Purity	<b>99%+</b>
Lot/batch #	<b>081808</b>	Net weight/volume		Seal #	<b>N/A</b>
CofO	<b>USA</b>				

Requirements	Specification	Results
Appearance	Yellow to green powder or chunks	<b>Passes</b>
Assay	99.0% min.	<b>101.8%</b>
Percent Iron	27.8% min.	<b>28.43%</b>
Identification	To pass test	<b>Passes</b>
Solubility (5% in 2% HCl)	Clear, yellow-green to green solution	<b>Passes</b>
Alkalis and Earths	0.10% max	<b>&lt;0.10%</b>
Arsenic	0.001% max.	<b>&lt;0.001%</b>
Heavy Metals	0.005% max.	<b>&lt;0.005%</b>
Insoluble Matter	0.010%	<b>&lt;0.010%</b>
Substances not precipitated by NH <sub>4</sub> OH	0.1% max.	<b>&lt;0.1%</b>
Zink	0.005% max.	<b>&lt;0.005%</b>
Sulfate	0.010% max.	<b>&lt;0.010%</b>
Ferric ion	To pass test	<b>Passes</b>
Solubility	To pass test	<b>Passes</b>