

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35596
<b>Product</b>	<b>Iron(II) chloride tetrahydrate</b>
<b>Lot Number</b>	000745-28190
	Ferrous chloride tetrahydrate
<b>CAS Number</b>	13478-10-9
<b>Molecular Formula</b>	FeCl <sub>2</sub> •4H <sub>2</sub> O
<b>Molecular Weight</b>	198.81

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<b>Appearance</b>	Yellow to green powder or chunks
<b>Solubility</b>	Passes test
<b>Heavy Metals</b>	< 0.005%
<b>Alkaline earth metals</b>	< 0.10%
<b>Anion</b>	Sulfate (SO <sub>4</sub> ) : < 0.01%
<b>Cation</b>	Arsenic (As) : < 0.001% Zinc (Zn) : 0.001% Ferric ion : Passes test
<b>Insoluble material</b>	0.007%
<b>Assay</b>	103.4% (Fe content : 29.1%)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Substances not precipitated by NH <sub>4</sub> OH : < 0.1%
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**