

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01445
<b>Product</b>	<b>Ferric citrate</b>

<b>Lot Number</b>	002529-1516-013
	Iron(III) citrate

<b>CAS Number</b>	3522-50-7
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>5</sub> FeO <sub>7</sub>

<b>Molecular Weight</b>	244.94
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<b>Appearance</b>	Brown powder
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<b>Solubility</b>	1 g dissolves in 20 mL of hot Water to give a clear solution. 1 g dissolves in 100 mL Water to give a clear, yellow to yellowish green solution.
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<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.004%
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<b>Cation</b>	Ammonium (NH <sub>4</sub> <sup>+</sup> ): 0.21% Arsenic (As): 0.003% Cadmium (Cd): 0.003% Copper (Cu): 0.002% Lead (Pb): 0.003% Zinc (Zn): 0.002% Ferrous (Fe <sup>2+</sup> ): 2.42%
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<b>Water Content (Karl Fisher)</b>	1.52%
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<b>Purity</b>	Iron (III): 19.48%
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<b>Storage</b>	Store at RT
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**Lot Number: 002529-1516-013**

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**Remarks**

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**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

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