

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	00849
<b>Lot Number</b>	001785-2190715
<b>Product</b>	<b>Iron(III) nitrate nonahydrate</b> Ferric nitrate nonahydrate
<b>CAS Number</b>	7782-61-8
<b>Molecular Formula</b>	Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O
<b>Molecular Weight</b>	404

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<b>Appearance</b>	Off-white to pale purple moist crystals
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : < 5 ppm Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : < 0.001%
<b>Cation</b>	Calcium (Ca) : 0.0002% Magnesium (Mg) : < 0.0005% Potassium (K) : 0.0006% Sodium (Na) : 0.0001%
<b>Insoluble material</b>	0.001%
<b>Assay by titration</b>	99.2%
<b>Storage</b>	Store at RT
<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