

# Specification

## Technical Data Sheet

<b>Product Name</b>	Iron(III) nitrate nonahydrate
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<b>Product No</b>	13591276
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<b>CAS Number</b>	7782-61-8
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	404.00
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### Specification

<b>Appearance</b>	Moist pale purple lumpy crystalline powder
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<b>Assay (Titration)</b>	97.0% - 100.0%
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<b>Chloride (Cl)</b>	≤50ppm
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<b>Insoluble in Nitric Acid</b>	≤500ppm
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<b>Insoluble matter in water</b>	≤500ppm
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<b>SNP by NH<sub>4</sub>OH</b>	≤1000ppm
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<b>Identification (IR)</b>	Conforms to reference
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## Specification

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<b>Manganese (Mn)</b>	$\leq 100\text{ppm}$
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<b>Potassium (K)</b>	$\leq 10\text{ppm}$
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<b>Sodium (Na)</b>	$\leq 10\text{ppm}$
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<b>Sulphate (SO<sub>4</sub>)</b>	$\leq 100\text{ppm}$
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