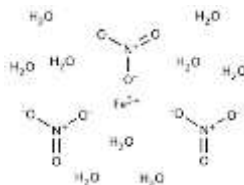


## Product Information

# FERRIC NITRATE NONAHYDRATE 98% AR

Iron (III) Nitrate Nonahydrate



<b>Product Code</b>	O-5089	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	98 %	<b>CAS No</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>	404.00 g/mol
<b>H.S.Code</b>	2834.2990	<b>Shelf Life</b>	60 Months

## Physical Properties

<b>Physical state</b>	solid	<b>Melting point</b>	47,2°C
<b>Colour</b>	Violet	<b>pH</b>	1,3 at 100 g/l at 20 °C
<b>Solubility in water</b>	825 g/l	<b>Density</b>	1,68 g/cm <sup>3</sup> at 20 °C

## Packaging

500 gram

## Specification

Appearance	Off-White to pale purple moist crystals/powder
Assay (by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> titration)	98.0 - 101.0 %
Infrared spectrum	passes test
Insoluble matter (10% in dil.HNO <sub>3</sub> )	max 0.005 %
Chloride (Cl)	max 0.0005 %
Sulphate (SO <sub>4</sub> )	max 0.01 %
Calcium (Ca)	max 0.01 %
Magnesium (Mg)	max 0.005 %
Potassium (K)	max 0.005 %
Sodium (Na)	max 0.05 %
Substance not precipitated by ammonia (as SO <sub>4</sub> )	max 0.1 %

## Safety Information and Hazard Symbols



Symbol: GHS05

Signal Word: Danger

UN No.: 3260

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H314

Precaution Statement: P260-P280-P303+P361+P353-P304+P340+P310-P305+P351+P338-P363

Labotiq