

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Iron nitrate nonahydrate**
Specifications & Purity: **Analytical Reagent**
SKU #: **F100208**

Parameter	Limit Values
Chloride (Cl-)	0-5 (ppm)
Free acid(HNO ₃)	0-0.3 (%)
Copper(Cu)	0-50 (ppm)
Zinc(Zn)	0-10 (ppm)
Lead(Pb)	0-10 (ppm)
Purity Titration by EDTA	98-102 (%)
Calcium(Ca)	0-50 (ppm)
Manganese(Mn)	0-0.02 (%)
Sodium(Na)	0-50 (ppm)
Sulfate(SO ₄ ²⁻)	0-50 (ppm)
(As)Arsenic	0-0.5 (ppm)
Potassium(K)	0-50 (ppm)
Appearance (F100208)	purple powder or crystals
Solubility in H ₂ O , clear yellow to orange solution at 100 mg/ml water	pass
X-Ray Diffraction	Conforms to Structure