

## Specification Sheet

Product Name:	<b>Ammonium ceric nitrate</b>
Specifications & Purity:	Analytical Reagent, 99.0%
SKU #	<b>A105050</b>

Parameter	Limit Values
Cobalt (Co)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Chrome(Cr)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Potassium(K)	0-10 (ppm)
Insoluble in dilute sulfuric acid	0-0.05 (%)
Zinc(Zn)	0-5 (ppm)
Chloride (Cl-)	0-10 (ppm)
Copper(Cu)	0-5 (ppm)
Magnesium (Mg)	0-20 (ppb)
Lead(Pb)	0-5 (ppm)
Ce By Titration with Dichromate	25-26.1 (%)
Cadmium(Cd)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Iron(Fe)	0-50 (ppm)
Phosphate(PO4)	0-200 (ppm)
Purity(redox titration)	98.5-101 (%)
Sodium(Na)	0-10 (ppm)
Appearance (A105050)	Light Orange to Very Dark Orange Powder or Crystal
Solubility in H <sub>2</sub> O , Yellow clear solution(50 mg/mL)	pass
X-Ray Diffraction	Conforms to Structure