

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-03-18 17:09:09
Date of Next Testing:	2026-03-17 17:09:09
Product Name:	Ammonium ceric nitrate
CAS Number:	16774-21-3
Specifications & Purity:	ACS
Lot #:	C2314569
SKU #	A105052
Analysis:	180504
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	1.27 ppm
Cobalt(Co)	0-5 (ppm)	1.00 ppm
Insoluble in dilute sulfuric acid	0-0.05 (%)	0.00 %
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-20 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	2.00 ppm
Iron(Fe)	0-50 (ppm)	8.00 ppm
Sodium(Na)	0-10 (ppm)	0.00 ppm
Potassium(K)	0-10 (ppm)	0.00 ppm
Phosphate(PO4)	0-200 (ppm)	0.44 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Purity(redox titration)	98.5-101 (%)	100.45 %
Chromium(Cr)	0-5 (ppm)	5.00 ppm
Appearance (A105052)	Light Orange to Very Dark Orange Powder or Crystal	Light Orange to Very Dark Orange Powder or Crystal



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager