

Certificate of Analysis

Date of Testing: 2022-06-20 14:38:55
 Date of Next Testing: 2026-06-19 14:38:55
 Product Name: **Ammonium formate**
 CAS Number: 540-69-2
 Specifications & Purity: Ultra pure, $\geq 99\%$
 Lot #: F2215172
 SKU #: **A100188**
 Version: **0**
 Analysis #: **467295**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	0.50 ppm
Nickel(Ni)	0-50 (ppm)	0.50 ppm
Potassium(K)	0-200 (ppm)	20.00 ppm
Iron(Fe)	0-50 (ppm)	0.50 ppm
Lead(Pb)	0-50 (ppm)	0.50 ppm
Sodium(Na)	0-100 (ppm)	10.00 ppm
Zinc(Zn)	0-50 (ppm)	0.50 ppm
Cobalt(Co)	0-50 (ppm)	0.50 ppm
Sulfate(SO ₄ ²⁻)	0-100 (ppm)	10.00 ppm
Water by Karl Fischer	0-3 (%)	1.20 %
Melting point	119-121 (°C)	120.17000 °C
Calcium(Ca)	0-50 (ppm)	0.50 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.50 ppm
Cadmium(Cd)	0-50 (ppm)	0.50 ppm
Purity(Neutralization titration)(calcd.on anh.substance)	99-100 (%)	100.00 %
PH(25 °C, 50 mg/mL in Water)	6-7	6.70



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager