

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-08 15:06:46  
 Date of Next Testing: 2029-02-07 15:06:46  
 Product Name: **Ammonium formate**  
 CAS Number: 540-69-2  
 Specifications & Purity: Ultra pure,  $\geq 99\%$   
 Lot #: E2105010  
 SKU #: **A100188**  
 Version: **0**  
 Analysis #: **468786**  
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	19.00 ppm
Nickel(Ni)	0-50 (ppm)	23.61 ppm
Potassium(K)	0-200 (ppm)	89.65 ppm
Iron(Fe)	0-50 (ppm)	20.00 ppm
Lead(Pb)	0-50 (ppm)	19.66 ppm
Sodium(Na)	0-100 (ppm)	60.00 ppm
Zinc(Zn)	0-50 (ppm)	32.89 ppm
Cobalt(Co)	0-50 (ppm)	40.00 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-100 (ppm)	68.44 ppm
Water by Karl Fischer	0-3 (%)	1.00 %
Melting point	119-121 (°C)	120.22000 °C
Calcium(Ca)	0-50 (ppm)	37.00 ppm
Chloride (Cl <sup>-</sup> )	0-50 (ppm)	40.00 ppm
Cadmium(Cd)	0-50 (ppm)	40.83 ppm
Purity(Neutralization titration)(calcd.on anh.substance)	99-100 (%)	99.60 %
PH(25 °C, 50 mg/mL in Water)	6-7	6.84



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

John Su  
QA & QC Manager