

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Ammonium formate**
 Specifications & Purity: for MS, ≥99.0%
 SKU #: **A100187**

Parameter	Limit Values
Cobalt (Co)	0-1 (ppm)
Aluminum(Al)	0-1 (ppm)
UV Absorbance 260nm	0-0.01
Copper(Cu)	0-1 (ppm)
Total Metallic Impuritie	0-20 (ppm)
Chloride (Cl-)	0-50 (ppm)
Calcium (Ca)	0-5 (µg/mg)
Sodium(Na)	0-5 (ppm)
Nickel(Ni)	0-1 (ppm)
Molybdenum(Mo)	0-1 (ppm)
Sulfate(SO42-)	0-50 (ppm)
UV Absorbance 280nm	0-0.01
Water by Karl Fischer	0-2 (%)
Iron(Fe)	0-1 (ppm)
pH	5.5-7.5
Potassium(K)	0-5 (ppm)
Melting point	119-121 (°C)
Manganese(Mn)	0-1 (ppm)
Strontium(Sr)	0-1 (ppm)
Lead(Pb)	0-1 (ppm)
Zinc(Zn)	0-1 (ppm)
Cadmium(Cd)	0-1 (ppm)
(As)Arsenic	0-0.1 (ppm)
Lithium(Li)	0-1 (ppm)
Chrome(Cr)	0-1 (ppm)
Magnesium (Mg)	0-1 (ppm)
Bismuth(Bi)	0-1 (ppm)
Barium(Ba)	0-1 (ppm)
Ignition Residue (as sulfate)	0-0.1 (%)
Purity(Based on Trace Metals Impurities of ICP)	99.999-100 (%)
Appearance (A100187)	White crystal powder
Infrared spectrum	Conforms to Structure



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Parameter

Insoluble matter

Assay(Titration by HClO₄ 0.1M)(calc. based on dry substance)

Limit Values

pass

99-101 (%)