

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Ammonium formate**
 Specifications & Purity: for LC-MS, $\geq 99.0\%$
 SKU #: **A100186**

| Parameter | Limit Values |
|---|-----------------------|
| Bismuth(Bi) | 0-1 (ppm) |
| Sulfate(SO ₄ ²⁻) | 0-50 (ppm) |
| Chrome(Cr) | 0-1 (ppm) |
| Lithium(Li) | 0-1 (ppm) |
| (As)Arsenic | 0-0.1 (ppm) |
| Ignition Residue (as sulfate) | 0-0.1 (%) |
| Cadmium(Cd) | 0-1 (ppm) |
| Calcium (Ca) | 0-5 (µg/mg) |
| Strontium(Sr) | 0-1 (ppm) |
| Copper(Cu) | 0-1 (ppm) |
| Manganese(Mn) | 0-1 (ppm) |
| Iron(Fe) | 0-1 (ppm) |
| Aluminum(Al) | 0-1 (ppm) |
| Cobalt (Co) | 0-1 (ppm) |
| Purity(Based on Trace Metals Impurities of ICP) | 99.999-100 (%) |
| Magnesium (Mg) | 0-1 (ppm) |
| Molybdenum(Mo) | 0-1 (ppm) |
| Nickel(Ni) | 0-1 (ppm) |
| Purity | 99-100 (%) |
| Sodium(Na) | 0-5 (ppm) |
| Zinc(Zn) | 0-1 (ppm) |
| Lead(Pb) | 0-1 (ppm) |
| Total Metallic Impuritie | 0-20 (ppm) |
| Chloride (Cl ⁻) | 0-50 (ppm) |
| Barium(Ba) | 0-1 (ppm) |
| Melting point | 119-121 (°C) |
| Potassium(K) | 0-5 (ppm) |
| pH | 5.5-7.5 |
| Water by Karl Fischer | 0-2 (%) |
| Appearance (A100186) | White crystals |
| Infrared spectrum | Conforms to Structure |
| Insoluble matter | pass |



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Parameter

UV Absorbance 260nm

UV Absorbance 280nm

Limit Values

0-0.01

0-0.01