

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

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

Parameter	Limit Values
Bismuth(Bi)	0-1 (ppm)
Sulfate(SO42-)	0-50 (ppm)
Chromium(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)
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)
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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Tax ID: 91310000685518645K

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Parameter	Limit Values
Assay(TITRATION (NT) HClO ₄ 0.1M)(calc. based on dry substance)	99-101 (%)
Calcium(Ca)	0-5 (ppm)
UV Absorbance 260nm(at 1M in H ₂ O)	0-0.01
UV Absorbance 280nm(at 1M in H ₂ O)	0-0.01

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