Ammonium Acetate, Crystal AR® (ACS)





Material No.: 3272-04 Batch No.: 0000040779 Manufactured Date: 2011/12/06 Retest Date: 2016/12/04

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test                                  | Specification | Result |
|---------------------------------------|---------------|--------|
| ACS – Assay (CH3COONH4)               | >= 97 %       | 100    |
| ACS – Appearance (colorless crystals) | Passes Test   | РТ     |
| ACS – Chloride (Cl)                   | <= 5 ppm      | < 3    |
| ACS – Heavy Metals (as Pb)            | <= 5 ppm      | < 3    |
| ACS – Insoluble Matter                | <= 0.005 %    | <0.001 |
| ACS – Iron (Fe)                       | <= 5 ppm      | < 3    |
| ACS – Nitrate (NO3)                   | <= 0.001 %    | <0.001 |
| ACS – pH of 5% Solution at 25°C       | 6.7 - 7.3     | 6.9    |
| ACS – Residue after Ignition          | <= 0.01 %     | <0.01  |
| ACS – Sulfate (SO4)                   | <= 0.001 %    | <0.001 |

For Laboratory, Research or Manufacturing Use

| Country of Origin: | MX                 |
|--------------------|--------------------|
| Packaging Site:    | Paris Mfg Ctr & DC |



Phillipsburg, NJ 9001:2008, 14001:2004 Paris, KY 9001:2008 Mexico City, Mexico 9001:2008 Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003 Gliwice, Poland 9001:2008, 17025:2005 Selangor, Malaysia 9001:2008, 14001:2004, 13485:2003 Mumbai, India, 9001:2008, 17025:2005 Panoli, India 9001:2008

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Richard M Siberski Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600 Avantor ™ Performance Materials Inc.

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