

Sodium Acetate, Trihydrate, Crystal, U.S.P.
Multi-Compendial



Material No.: 3461-01
Batch No.: 0000171733
Manufactured Date: 2015/09/15
Retest Date: 2020/09/13

Certificate of Analysis

Meets B.P. Chemical Specifications, Meets E.P. Chemical Specifications, Meets F.C.C. Requirements, Meets J.P. Chemical Specifications,
Meets U.S.P Requirements,
GMP Manufactured Product, Food GMP Manufactured Product

| Test | Specification | Result |
|---|----------------|---------|
| USP – Assay (CH ₃ COONa) (dried basis) | 99.0 – 101.0 % | 99.6 |
| USP – Calcium and Magnesium | Passes Test | PT |
| USP – Chloride (Cl) | <= 0.035 % | < 0.035 |
| USP – Endotoxin Concentration (EU/g) | <= 2.5 | < 2.5 |
| USP – Identification | Passes Test | PT |
| USP – Insoluble Matter | <= 0.050 % | <0.01 |
| USP – Loss on Drying | 38.0 – 41.0 % | 39.5 |
| USP – pH of 5% Solution at 25°C | 7.5 – 9.2 | 8.4 |
| USP – Potassium (K) | Passes Test | PT |
| USP – Sulfate (SO ₄) | <= 0.005 % | < 0.005 |
| USP – Heavy Metals (as Pb) | <= 0.001 % | < 0.001 |
| EP/BP – Assay (CH ₃ COONa) | 99.0 – 101.0 % | 99.8 |
| EP/BP – Identification A | Passes Test | PT |
| EP/BP – Identification B | Passes Test | PT |
| EP/BP – Identification C | Passes Test | PT |
| EP/BP – Appearance of Solution | Passes Test | PT |
| EP/BP – pH (1 in 20) | 7.5 – 9.0 | 8.4 |
| EP/BP – Reducing Substances | Passes Test | PT |
| EP/BP – Chloride (Cl) | <= 200 ppm | < 200 |
| EP/BP – Sulfate (SO ₄) | <= 200 ppm | < 200 |
| EP/BP – Arsenic (As) | <= 2 ppm | < 2 |

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

3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

| Test | Specification | Result |
|---|----------------|---------|
| EP/BP – Calcium and Magnesium | <= 50 ppm | < 50 |
| EP/BP – Heavy Metals (as Pb) | <= 10 ppm | < 10 |
| EP/BP – Iron (Fe) | <= 10 ppm | < 10 |
| EP/BP – Loss on Drying | 39.0 – 40.5 % | 39.6 |
| JP – Assay (CH ₃ COONa) | 99.5 – 101.0 % | 99.6 |
| JP – Identification | Passes Test | PT |
| JP – Clarity and Color of Solution | Passes Test | PT |
| JP – Acidity or Alkalinity | Passes Test | PT |
| JP – Chloride (Cl) | <= 0.011 % | < 0.011 |
| JP – Sulfate (SO ₄) | <= 0.017 % | < 0.017 |
| JP – Heavy Metals (as Pb) | <= 10 ppm | < 10 |
| JP – Calcium and Magnesium | Passes Test | PT |
| JP – Arsenic (As) | <= 2 ppm | < 2 |
| JP – Substances Reducing Permanganate | Passes Test | PT |
| JP – Loss on Drying | 39.0 – 40.5 % | 39.5 |
| FCC – Alkalinity | <= 0.05 % | 0.05 |
| FCC – Assay (CH ₃ COONa) (dried basis) | 99.0 – 101.0 % | 99.6 |
| FCC – Identification A | Passes Test | PT |
| FCC – Identification B | Passes Test | PT |
| FCC – Lead (Pb) | <= 2 mg/kg | < 2 |
| FCC – Loss on Drying | 38.0 – 41.0 % | 39.5 |
| FCC – Potassium Compounds | Passes Test | PT |


Bulk Food Chemical

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

No Class 1, 2, 3 or other solvent is likely to be present in the final product.

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC
Manufacturer: PBG
Manufacturer source batch: 0000121683



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008



Jamie Ethier
Vice President Global Quality

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