



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

Product No. 3461
Specifications current as of:
Jun 8 2011

| TEST | SPECIFICATION |
|---|----------------|
| GMP Manufactured Product | |
| Meets U.S.P. Requirements | |
| Assay (CH ₃ COONa) (dried basis) | 99.0 - 101.0 % |
| Calcium and Magnesium | Passes Test |
| Chloride (Cl) | max. 0.035 % |
| Endotoxin Concentration (EU/g) | max. 2.5 |
| Identification | Passes Test |
| Insoluble Matter | max. 0.05 % |
| Loss on Drying | 38.0 - 41.0 % |
| pH of 5% Solution at 25°C | 7.5 - 9.2 |
| Potassium (K) | Passes Test |
| Sulfate (SO ₄) | max. 0.005 % |
| Heavy Metals (as Pb) | max. 0.001 % |

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|--|----------------|
| Meets BP/Ph.Eur. Chemical Specifications | |
| Assay (CH ₃ COONa) | 99.0 - 101.0 % |
| Identification A | Passes Test |
| Identification B | Passes Test |
| Identification C | Passes Test |
| Appearance of Solution | Passes Test |
| pH (1 in 20) | 7.5 - 9.0 |
| Reducing Substances | Passes Test |
| Chloride (Cl) | max. 200 ppm |
| Sulfate (SO ₄) | max. 200 ppm |
| Arsenic (As) | max. 2 ppm |
| Calcium and Magnesium | max. 50 ppm |
| Heavy Metals (as Pb) | max. 10 ppm |
| Iron (Fe) | max. 10 ppm |
| Loss on Drying | 39.0 - 40.5 % |

Meets JP Chemical Specifications

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|----------------------------------|----------------|
| Assay (CH ₃ COONa) | 99.5 - 101.0 % |
| Identification | Passes Test |
| Clarity and Color of Solution | Passes Test |
| Acidity or Alkalinity | Passes Test |
| Chloride (Cl) | max. 0.011 % |
| Sulfate (SO ₄) | max. 0.017 % |
| Heavy Metals (as Pb) | max. 10 ppm |
| Calcium and Magnesium | Passes Test |
| Arsenic (As) | max. 2 ppm |
| Substances Reducing Permanganate | Passes Test |
| Loss on Drying | 39.0 - 40.5 % |

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| No Class 1, 2, 3 or other solvent is likely to be present in the final product. |
| Bulk Pharmaceutical Chemical |
| CAUTION: For manufacturing, processing or repacking. |
| For a Certificate of Lot Analysis, visit www.avantormaterials.com . |