



# Sodium Acetate, Trihydrate, Crystal

BAKER ANALYZED<sup>®</sup> A.C.S. Reagent

Product No. 3460

Lot No. L17151

Release Date 04/25/2012

## Certificate of Analysis

| TEST                                                          | SPECIFICATION  | RESULT      |
|---------------------------------------------------------------|----------------|-------------|
| Meets ACS Requirements                                        |                |             |
| Meets Reagent Specifications for testing USP/NF monographs    |                |             |
| Assay ( $\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$ ) | 99.0 - 101.0 % | 100.2 %     |
| Insoluble Matter                                              | 0.005 % max.   | < 0.001 %   |
| pH of 5% Solution at 25°C                                     | 7.5 - 9.2      | 8.6         |
| Chloride (Cl)                                                 | 0.001 % max.   | < 0.0005 %  |
| Sulfate ( $\text{SO}_4$ )                                     | 0.002 % max.   | < 0.001 %   |
| Calcium (Ca)                                                  | 0.005 % max.   | < 0.0005 %  |
| Magnesium (Mg)                                                | 0.002 % max.   | < 0.0002 %  |
| Substances Reducing Permanganate                              | Passes Test    | Passes Test |
| Potassium (K)                                                 | 0.005 % max.   | < 0.0005 %  |
| <b>Trace Impurities (in ppm):</b>                             |                |             |
| Phosphate ( $\text{PO}_4$ )                                   | 5 max.         | < 5         |
| Heavy Metals (as Pb)                                          | 5 max.         | < 3         |
| Iron (Fe)                                                     | 5 max.         | < 3         |
| For Laboratory, Research or Manufacturing Use                 |                |             |
| Country of Origin: USA                                        |                |             |



Phillipsburg, NJ 9001.2008, 14001.2004  
Paris, KY 9001.2008  
Mexico City, Mexico 9001.2008  
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003  
Selangor, Malaysia 9001.2008  
Panaji, India 9001.2008  
Gliwice, Poland 9001.2008, 17025.2005

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Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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