

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	29853
Lot Number	002251-01415
Product	Sodium acetate trihydrate Acetic acid sodium salt
CAS Number	6131-90-4
Molecular Formula	C ₂ H ₃ O ₂ Na•3H ₂ O
Molecular Weight	136.1

Appearance	White crystals
Clarity & Color	Clarity and color of solution: Passes test
Solubility	125 g in 100 mL water at 20 °C
Melting Point	58 °C (Approx.)
Heavy Metals	< 5 ppm (as Pb)
Anion	Chloride (Cl ⁻): < 0.001% Phosphate (PO ₄ ³⁻): < 5 ppm Sulfate (SO ₄ ²⁻): < 0.002%
Cation	Calcium (Ca): 0.001% Magnesium (Mg): 0.0012% Potassium (K): 0.0046% Potassium (K): To pass test Iron (Fe): < 5 ppm Calcium & Magnesium: < 50 ppm Calcium & Magnesium: Passes test Aluminium (Al): < 0.2 micro g/g Lead (Pb): 0.8 mg/Kg Arsenic (As): < 2 ppm
pH	8.69 (5% solution at 25 °C)
Alkalinity	0.04%
Loss on Drying	39.33% (120 °C)
Insoluble material	0.003%
Assay by titration	99.66%
Grade	USP
Application	Used as buffers.
Storage	Store at RT

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Additional Information	Substances reducing permanganate: Passes test
Manufacturing Date	11/5/2015
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager