

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



Material No.: 3461-06

Revision No.: 0

Product Specification

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

Test	Specification
USP - Assay (CH ₃ COONa) (dried basis)	99.0 - 101.0 %
USP - Calcium and Magnesium	Passes Test
USP - Chloride (Cl)	≤ 0.035 %
USP - Endotoxin Concentration (EU/g)	≤ 2.5
USP - Identification	Passes Test
USP - Insoluble Matter	≤ 0.05 %
USP - Loss on Drying	38.0 - 41.0 %
USP - pH of 5% Solution at 25°C	7.5 - 9.2
USP - Potassium (K)	Passes Test
USP - Sulfate (SO ₄)	≤ 0.005 %
EP/BP - Assay (CH ₃ COONa)	99.0 - 101.0 %
EP/BP - Identification A	Passes Test
EP/BP - Identification B	Passes Test
EP/BP - Identification C	Passes Test
EP/BP - Appearance of Solution	Passes Test
EP/BP - pH (1 in 20)	7.5 - 9.0
EP/BP - Reducing Substances	Passes Test
EP/BP - Chloride (Cl)	≤ 200 ppm
EP/BP - Sulfate (SO ₄)	≤ 200 ppm
EP/BP - Calcium and Magnesium	≤ 50 ppm
EP/BP - Iron (Fe)	≤ 10 ppm
EP/BP - Loss on Drying	39.0 - 40.5 %
JP - Assay (CH ₃ COONa)	99.5 - 101.0 %
JP - Identification	Passes Test
JP - Clarity and Color of Solution	Passes Test
JP - Acidity or Alkalinity	Passes Test
JP - Chloride (Cl)	≤ 0.011 %
JP - Sulfate (SO ₄)	≤ 0.017 %

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For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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Test	Specification
JP - Heavy Metals (as Pb)	≤ 10 ppm
JP - Calcium and Magnesium	Passes Test
JP - Arsenic (As)	≤ 2 ppm
JP - Substances Reducing Permanganate	Passes Test
JP - Loss on Drying	39.0 - 40.5 %
FCC - Alkalinity	≤ 0.05 %
FCC - Assay (CH ₃ COONa) (dried basis)	99.0 - 101.0 %
FCC - Identification A	Passes Test
FCC - Identification B	Passes Test
FCC - Lead (Pb)	≤ 2 mg/kg
FCC - Loss on Drying	38.0 - 41.0 %
FCC - Potassium Compounds	Passes Test

GMP Manufactured Product
Food GMP Manufactured Product
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.

Elemental Impurities (USP 232, EP 5.20) - Information on elemental impurities for this product is available on the associated Product Regulatory Data Sheet and elemental impurity profile report.

Storage Condition: Preserve in tight containers, store at room temperature.

Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

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