

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 %

>>> Continued on page 2 >>>

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: Phillipsburg Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

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

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700