



## MACCO ORGANIQUES INC.

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THE MANUFACTURING PROCESS OF THE PRODUCTS BELOW ARE COVERED BY A REGISTERED FSSC-22000 FOOD SAFETY SYSTEM

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### *Microbiological / Official Statement*

*Macco Organiques Inc.*'s products, including *calcium acetate*, *calcium propionate*, *potassium acetate*, *potassium benzoate*, *sodium acetate*, *sodium benzoate*, *sodium diacetate* and *sodium propionate*, manufactured at its Salaberry-de-Valleyfield plant, are antimicrobial agents produced by chemical syntheses in a sanitary ISO/GMP/HACCP environment. The chemical syntheses are performed from raw materials which possess extreme corrosiveness and pH characteristics to provide sterility of the manufacturing system: the raw materials are strong bases and concentrated acids (100%). The only solvent used, potable water from the City of Valleyfield, is chlorine treated. In addition to the chemical asepsis, thermal asepsis is added: the chemical reaction and the drying of the products are performed in closed circuits at elevated temperatures.

Macco's facility is dedicated to the manufacturing of salts with antimicrobial characteristics. The antimicrobial nature of its products, the sanitation program, the extreme pH and the elevated temperatures conditions prevailing during manufacturing, are the basis of the aseptic characteristics of Macco's products which conform to FCC and USP requirements.

Macco's manufacturing facility is a FDA bioterrorism and C-TPAT registered facility that operates under an ISO Food Safety System FSSC 22000 (GFSI approved) and in compliance with food GMP. Pharmaceutical grade products are manufactured according to cGMPs. Macco's facility is audited yearly.

**Liability:** The information submitted in this document is based on current knowledge and experience. Macco Organiques Inc. does not accept any liability whatsoever in respect of the use of this information nor in respect of use, application, adaptation or processing of the product described herein.