



MACCO ORGANIQUES INC.

100 McArthur, suite 112, Salaberry-de-Valleyfield, Quebec, Canada, J6S 4M5

Tel: (450) 371-1066, Fax: (450) 371-5519

www.macco.ca, e-mail: macco@macco.ca



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

Date: March 28 th , 2018	Supersedes: February 01 st , 2018	Official Statement	Ref # : HMt E-1
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Heavy Metals / Official Statement

Macco Organiques Inc.'s products, including *calcium acetate*, *calcium propionate*, *magnesium sulfate*, *potassium acetate*, *potassium benzoate*, *sodium acetate*, *sodium benzoate*, *sodium diacetate* and *sodium propionate*, manufactured at its Salaberry-de-Valleyfield plant, are the result of chemical syntheses involving pure, QC controlled, chemical raw materials.

Every lot of raw material received is tested for several elements, including but not limited to, Arsenic, Cadmium, Lead and Mercury.

Macco's products comply with international limits set for heavy metals as defined in USP 41 <231>. The test method outlined in USP 41 <231> and used by Macco responds to Antimony (Sb), Arsenic (As), Bismuth (Bi), Cadmium (Cd), Copper (Cu), Lead (Pb), Mercury (Hg), Molybdenum (Mo), Silver (Ag) and Tin (Sn).

The limits for heavy metals, when applicable, were and are established by international organizations that regulate food and pharmaceutical products and refer to, for example, the US Food Chemicals Codex (FCC), the European Economic Community (EEC) Directive, the joint FAO/WHO Codex Alimentarius, the US Pharmacopeia (USP), the European Pharmacopoeia (EP), etc.

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.