



MACCO ORGANIQUES INC.

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THE MANUFACTURING PROCESS OF THE PRODUCTS BELOW ARE COVERED BY A REGISTERED ISO-9001 QUALITY SYSTEM AND A FSSC-22000 FOOD SAFETY SYSTEM

Date: February 06th, 2015

Supersedes: August 08, 2012

Official Statement

Ref # : **HMt E -1**

Heavy Metals / OFFICIAL STATEMENT

MACCO ORGANIQUES INC PRODUCTS

Macco's products, including *calcium acetate*, *calcium propionate*, *potassium acetate*, *potassium benzoate*, *sodium acetate*, *sodium benzoate*, *sodium diacetate* and *sodium propionate*, manufactured at its Valleyfield facility, are the result of chemical syntheses involving only QC controlled pure chemical raw materials.

Macco's products comply with international limits set for **Heavy Metals** as defined in the USP <231> monograph. This test responds to the 10 following elements: **lead (Pb)**, **mercury (Hg)**, **bismuth (Bi)**, **arsenic (As)**, **antimony (Sb)**, **tin (Sn)**, **cadmium (Cd)**, **silver (Ag)**, **copper (Cu)** and **molybdenum (Mo)**.

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

*Note : FAO = Food and Agriculture Organization of the United Nations and WHO = World Health Organization.

For each Macco product, compliance to the **Heavy Metals** specifications is confirmed on Macco's product Specification Sheet and Certificate of Analysis. Macco's **Heavy Metals** QC reference standard is set at 5 ppm (as Pb).

Macco's manufacturing facility is a FDA bioterrorism, FSMA and C-TPAT registered facility that operates under an ISO 9001 Quality System, an ISO Food Safety System FSSC 22000 (GFSI approved) and in compliance with food GMP. 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.