



MACCO ORGANIQUES INC.

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

Date: January 12, 2023

Supersedes: May 06, 2022

Official Statement

Ref # : **HMt E-1**

Heavy Metals / Official Statement

Macco Organiques Inc.'s products, including *calcium acetate*, *calcium propionate*, *magnesium sulfate*, *potassium acetate*, *potassium benzoate*, *potassium chloride*, *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. Based on our knowledge of the process, the equipment used for the manufacturing of Macco's products, and the limits tested in our raw material, we can confirm the compliance of our finished products to the following regulations: US Food Chemicals Codex (FCC), the European Economic Community (EEC) Directive and the joint FAO/WHO Codex Alimentarius.

Macco's products also 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). Yearly screening of elemental impurities using spectrometry-based methods (AA, GFAA, or ICP) is also performed.

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.