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NSF International Standard for Dietary Supplements —

Dietary supplements

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5.3.2 Pesticides

Unless a manufacturer has controls in place to screen for pesticides or use certified organic ingredients as demonstrated in the GMP audit, a broad pesticide screen shall be performed to confirm compliance with FDA and EPA regulated limits and the absence of banned pesticides in botanical products.

NOTE - A pesticide is considered banned if it appears in Annex III of the Rotterdam Convention. [1]

Raw materials and finished products containing *Panax ginseng* or *Panax quinquefolius* shall meet applicable national requirements for the market in which they are to be sold. shall not contain pesticides listed in 7.2.2 (limit of detection is less than 10 parts per billion [ppb]).

NOTE - Products which are to be sold and/or distributed in the United States shall not contain pesticides listed in 7.2.2 (limit of detection is 10 parts per billion [ppb]). The limits are not based upon a safety or risk assessment of the individual pesticides; rather, limits are related to U.S. trade and governmental preferences regarding ginseng suppliers. Product that does not meet the requirements for pesticides listed in 7.2.2 shall be labeled in a manner that would preclude its sale and/or distribution in the United States.

REASON: A negative vote/comment on the 173i1r1 JC ballot indicated that it is not clear as to what is meant by "banned pesticides." At the Joint Committee Meeting held May 15, 2012, there was good discussion of this topic and general agreement on adding a note referencing the Rotterdam Convention to section 5.3.2 for clarification purposes since the Rotterdam list is an international convention with a broad basis of acceptance. Additionally, two negative votes/comments on the 173i45r2 CPHC ballot indicated that wording more inclusive than USA-specific is essential for a standard intended for international use.

^[1] Secretariat of the Rotterdam Convention – UNEP, 11-13, Chemin des Anémones - 1219 Châtelaine, Switzerland <www.pic.int/>.