



August 1, 2017

Subject: Residual Solvents Statement

To whom it may concern,

Residual solvents are defined by both FDA and the European Union as organic volatile chemicals used in the manufacture of a product, which may not be completely removed during the manufacturing process. In the U.S. the United States Pharmacopeia (USP) establishes three classes of residual solvents. The European Pharmacopoeia generally follows the same classification system.

Class I solvents are those which are known human carcinogens or environmental hazards. Class II solvents are those with irreversible toxicity, or that have significant but reversible toxicity. Class III solvents have a low toxic potential.

Detrex does not intentionally add or use any organic solvents of any class in the manufacture, storage, or packaging of their products. We certify that the Hydrochloric Acid products provided by Detrex do not contain residual solvents of any kind.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim Vence", with a large, sweeping flourish extending to the left.

Jim Vence
Technical Director
Detrex Chemicals