



September 9, 2019

Subject: Detrex Beta-Lactam Free Statement

To whom it may concern,

Detrex Chemicals hydrochloric acid products are made using a direct synthesis process using only high purity hydrogen, chlorine and DI water. The hydrochloric acid product from our process is chemically pure with very few trace contaminants or elemental impurities.

Detrex Chemicals does not add any beta-lactams or products containing any beta-lactams to manufacture our hydrochloric acid products. We also do not produce any beta-lactams on our manufacturing site.

To the best of our knowledge Detrex Chemicals hydrochloric acid products are free of all beta-lactam substances and elements.

Sincerely,

A handwritten signature in black ink that reads "Dave Morgan". The signature is written in a cursive style with a large initial "D" and "M".

Dave Morgan
Global Product Manager, Hydrochloric Acid
Detrex Chemicals