

PIPEX PHARMACEUTICALS, INC.
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April 29, 2008

*VIA EDGAR AND
OVERNIGHT MAIL*

United States Securities
and Exchange Commission
100 F Street, NE
Mail Stop 4561
Washington, D.C. 20549
Attention: Sonia Barros

*Re: Pipex Pharmaceuticals, Inc.
 File No. 001-12584*

Dear Ms. Barros:

Thank you for your April 25, 2008 letter regarding Pipex Pharmaceuticals, Inc.'s (the "Company") proxy statement.

In connection with responding to your comments, the Company acknowledges that (i) the Company is responsible for the adequacy and accuracy of the disclosure in the filings; (ii) staff comments or changes to disclosure in response to staff comments in the filings reviewed by the staff do not foreclose the Commission from taking any action with respect to the filing; and (iii) the Company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

PIPEX PHARMACEUTICALS, INC.

By: /s/ Steve H. Kanzer
Steve H. Kanzer, Chief Executive Officer