Via Facsimile and U.S. Mail Mail Stop 6010

October 8, 2008

Steve H. Kanzer Chairman and Chief Executive Officer Pipex Pharmaceuticals, Inc. 3930 Varsity Drive Ann Arbor, MI 48108

**Re:** Pipex Pharmaceuticals, Inc.

Form 10-KSB for the Year Ended December 31, 2007

File No. 001-12584

Dear Mr. Kanzer:

We have completed our review of your Form 10-KSB and have no further comments at this time.

Sincerely,

Joel Parker Accounting Branch Chief