

Via Facsimile and U.S. Mail  
Mail Stop 6010

May 23, 2007

Mr. Walter C. Herlihy  
Chief Executive Officer and President  
Repligen Corporation  
41 Seyon Street  
Building 1, Suite 100  
Waltham, MA 02453

**Re: Repligen Corporation**  
**Form 10-K for Fiscal Year Ended March 31, 2006**  
**File No. 0-14656**

Dear Mr. Herlihy:

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

Sincerely,

James Atkinson  
Branch Chief