

Via Facsimile and U.S. Mail  
Mail Stop 6010

January 6, 2009

Mr. John A. Marhofer, Jr.  
Chief Financial Officer  
Cleveland Biolabs, Inc.  
33 Hayden Avenue  
Lexington, MA 02421

**Re: Cleveland Biolabs, Inc.**  
**Form 10-K for the Year Ended December 31, 2007**  
**Form 10-Q for the Quarterly Period Ended March 31, 2008**  
**Form 10-Q for the Quarterly Period Ended June 30, 2008**  
**File No. 001-32954**

Dear Mr. Marhofer::

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

Sincerely,

Joel Parker  
Accounting Branch Chief