

Mail Stop 3561

October 24, 2007

Mr. Barry W. Weiner  
President, Chief Financial Officer and Director  
Enzo Biochem, Inc.  
527 Madison Avenue  
New York, New York 10022

**Re: Enzo Biochem, Inc.**  
**Form 10-K for Fiscal Year Ended July 31, 2006**  
**Filed October 13, 2006**  
**Form 10-Q for Fiscal Quarter Ended October 31, 2006**  
**Filed December 11, 2006**  
**Form 10-Q for Fiscal Quarter Ended January 31, 2007**  
**Filed March 12, 2007**  
**Form 10-Q for Fiscal Quarter Ended April 30, 2007**  
**Filed June 11, 2007**  
**File No. 0-29100**

Dear Mr. Weiner:

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

Sincerely,

Tia Jenkins  
Senior Assistant Chief Accountant  
Office of Beverages, Apparel and  
Health Care Services