



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

DIVISION OF  
CORPORATION FINANCE

February 7, 2018

Mail Stop 4631

Via E-Mail

BioAmber Inc.  
Mr. Mario Settino  
Chief Financial Officer  
1250 Rene Levesque West, Suite 4310  
Montreal, Quebec, Canada H3B 4W8

**Re: BioAmber Inc.**  
**Form 10-K for Fiscal Year Ended December 31, 2016**  
**Filed March 16, 2017**  
**Form 10-Q for the Fiscal Quarter Ended June 30, 2017**  
**Filed August 4, 2017**  
**Form 8-K**  
**Filed August 3, 2017**  
**File No. 1-35905**

Dear Mr. Settino:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Terence O'Brien

Terence O'Brien  
Accounting Branch Chief  
Office of Manufacturing and  
Construction