

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
June 2, 2014**

**ORDER GRANTING CONFIDENTIAL TREATMENT  
UNDER THE SECURITIES ACT OF 1933**

**BioAmber, Inc.  
File No. 333-177917 - CF #30984**

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BioAmber, Inc. submitted an application under Rule 406 requesting an extension of a previous grant of confidential treatment for information it excluded from the Exhibits to a Form S-1 registration statement filed on November 14, 2011, as amended.

Based on representations by BioAmber, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit(s) will not be released to the public for the time period(s) specified:

Exhibit 10.34                      through March 31, 2016

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Kevin M. O'Neill  
Deputy Secretary