

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
MARCH 19, 2014**

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

**BioLife Solutions, Inc.**

**File No. 333-192880 - CF#30599**

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BioLife Solutions, Inc. submitted an application under Rule 406 requesting confidential treatment for information it excluded from the Exhibits to a Form S-1 registration statement filed on December 16, 2013, as amended.

Based on representations by BioLife Solutions, 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 will not be released to the public for the time period specified:

Exhibit 10.44                      through January 22, 2017

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

Kevin M. O'Neill  
Secretary