

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
April 23, 2012**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

CryoLife, Inc.

File No. 1-13165 - CF#28265

CryoLife, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits a Form 8-K filed on January 30, 2012.

Based on representations by CryoLife, 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 10.1 through January 31, 2013

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

Daniel Morris
Special Counsel