



DIVISION OF  
CORPORATION FINANCE

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

October 2, 2019

Michael Rice  
President and Chief Executive Officer  
BioLife Solutions, Inc.  
3303 Monte Villa Parkway, Suite 310  
Bothell, Washington 98021

**Re: BioLife Solutions, Inc.**  
**Registration Statement on Form S-3**  
**Filed September 24, 2019**  
**File No. 333-233912**

Dear Mr. Rice:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. 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.

Please contact Joseph McCann at (202) 551-6262 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences