



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

DIVISION OF  
CORPORATION FINANCE

Mail Stop 4546

February 6, 2017

Via E-mail

Richard J. Larkin  
Chief Financial Officer  
Chembio Diagnostics, Inc.  
3661 Horseblock Road  
Medford, New York 11763

**Re: Chembio Diagnostics, Inc.  
Registration Statement on Form S-3  
Filed January 30, 2017  
File No. 333-215813**

Dear Mr. Larkin:

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 Johnny Gharib at (202) 551-3170 with any questions.

Sincerely,

/s/ Erin K. Jaskot, *for*

Suzanne Hayes  
Assistant Director  
Office of Healthcare and Insurance

cc: Via E-mail  
Michael M. Pritchard, Esq.  
Haynes and Boone, LLP