



DIVISION OF  
CORPORATION FINANCE

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

June 10, 2015

Via E-mail

Robert Stefanovich  
Chief Financial Officer  
Cryoport, Inc.  
20382 Barents Sea Circle  
Lake Forest, CA 92630

**Re: Cryoport, Inc.  
Amendment No. 2 to Registration Statement on Form S-1  
May 26, 2015  
File No. 333-203006**

Dear Mr. Stefanovich:

We have reviewed your supplemental response letter and the above-referenced filing, and have the following comments.

General

1. We have considered your supplemental response to comment one in our letter dated May 28, 2015. Units must be registered in this registration statement because if common stock and warrants are only being sold in proportional amounts, then the offering is for units that consist of common stock and warrants, notwithstanding that the two underlying securities are issued separately or may trade separately immediately upon issuance. This comment also applies to your overallotment option. Please revise to reinstate all your disclosure about your units from your previous amendment filed April 17, 2015.

Prospectus Cover Page

2. We note your proposed revision in response to comment two in our letter dated May 28, 2015. In your next amendment, please revise to make it clear, if true, that each warrant will be to purchase one share of common stock, rather than to purchase one share of common stock and an additional warrant.

Please contact David Korvin, Staff Attorney at 202-551-3236 or me at 202-551-3765 with any questions.

Robert Stefanovich  
Cryoport, Inc.  
June 10, 2015  
Page 2

Sincerely,

/s/ Pamela Long

Pamela Long  
Assistant Director

cc: Via E-mail  
Tony Ippolito, Esq.  
Snell & Wilmer LLP