



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

DIVISION OF  
CORPORATION FINANCE

September 5, 2019

Rick Sterling  
Chief Financial Officer  
Intrexon Corporation  
20374 Seneca Meadows Parkway  
Germantown, MD 20876

**Re: Intrexon Corporation**  
**Form 10-K for the Fiscal Year Ended December 31, 2018**  
**Filed March 1, 2019**  
**File No. 001-36042**

Dear Mr. Sterling:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance  
Office of Beverages, Apparel and  
Mining