

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

March 3, 2020

Taylor Crouch Chief Executive Officer Organovo Holdings, Inc. 440 Stevens Avenue, Suite 200 Solana Beach, CA 92075

Re: Organovo Holdings, Inc.

Registration Statement on Form S-4

Exhibit No. 10.26

Filed December 23, 2019 File No. 333-235683

Dear Mr. Crouch:

We concluded our assessment of your redacted exhibit on February 24, 2020 for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance