

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

August 12, 2024

Jason K. Garland Chief Financial Officer Repligen Corp 41 Seyon Street Bldg. 1, Suite 100 Waltham, MA 02453

> Re: Repligen Corp Form 10-K for the fiscal year ended December 31, 2023 Filed February 22, 2024 File No. 000-14656

Dear Jason K. Garland:

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 Life Sciences