

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

DIVISION OF CORPORATION FINANCE

July 16, 2024

Marc Forth Chief Executive Officer AEON Biopharma, Inc. 5 Park Plaza, Suite 1750 Irvine, CA 92614

Re: AEON Biopharma, Inc. Amendment No. 1 to Form 10-K for Fiscal Year Ended December 31, 2023 File No. 1-40021

Dear Marc Forth:

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