

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

DIVISION OF CORPORATION FINANCE

April 24, 2025

John Rood Chief Executive Officer Momentus Inc. 3901 N. First Street San Jose, CA 95134

> Re: Momentus Inc. Registration Statement on Form S-1 Filed April 22, 2025 File No. 333-286661

Dear John Rood:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. 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.

Please contact Kristin Baldwin at 202-551-7172 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing