

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

June 16, 2025

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

Re: Momentus Inc.

Registration Statement on Form S-1

Filed June 11, 2025 File No. 333-287942

Dear John C. 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 Jenny O'Shanick at 202-551-8005 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing

cc: Stephen C. Hinton