

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

May 9, 2024

Pankaj Mohan, Ph.D. Chief Executive Officer Sonnet BioTherapeutics Holdings, Inc. 100 Overlook Center, Suite 102 Princeton, NJ 08540

> Re: Sonnet BioTherapeutics Holdings, Inc. Registration Statement on Form S-1 Filed May 3, 2024 File No. 333-279095

Dear Pankaj Mohan:

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 Jessica Dickerson at 202-551-8013 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Steven M. Skolnick