

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

DIVISION OF CORPORATION FINANCE

December 2, 2024

Dolev Rafaeli President and Chief Executive Officer STRATA Skin Sciences, Inc. 5 Walnut Grove Drive, Suite 140 Horsham, Pennsylvania 19044

> Re: STRATA Skin Sciences, Inc. Registration Statement on Form S-3 Filed November 22, 2024 File No. 333-283418

Dear Dolev Rafaeli:

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 Margaret Sawicki at 202-551-7153 with any questions.

Sincerely,

Division of Corporation Finance Office of Industrial Applications and Services

cc: Mark Rosenstein, Esq.