November 13, 2023 Antony Mattessich President and Chief Executive Officer Ocular Therapeutix, Inc. 24 Crosby Drive Bedford, MA 01730 Re: Ocular Therapeutix, Inc. Registration Statement on Form S-3 Filed November 7, 2023 File No. 333-275373 Dear Antony Mattessich: 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 Alan Campbell at 202-551-4224 with any questions. Sincerely,

Division of Corporation Finance Office of Life Sciences cc: C.S. Avery Reaves, Esq.