August 19, 2022

Kevin Boyle, Sr. Chief Executive Officer Alaunos Therapeutics, Inc. 8030 El Rio Street Houston, TX 77054 Re: Alaunos Therapeutics, Inc. Registration Statement Filed on Form S-3 Filed August 12, 2022 File No. 333-266841 Dear Mr. Boyle: 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 Dillon Hagius at 202-551-7967 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Melinda Lackey