

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

June 12, 2023

Francisco Salva President and Chief Executive Officer Azitra Inc 21 Business Park Drive Branford, CT 06405

Re: Azitra Inc

Amendment No. 5 to Registration Statement on Form S-1

Filed June 5, 2023 File No. 333-269876

Dear Francisco Salva:

We have reviewed your amended registration statement and have the following comment. In our comment, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments. Unless we note otherwise, our references to prior comments are to comments in our April 3, 2023 letter.

Amendment No. 5 to Form S-1 filed June 5, 2023

<u>Financial Statement For the Fiscal Year Ended December 31, 2022</u> <u>Note 9. Stockholders' Equity, page F-21</u>

1. Here you state that the common stock in this footnote has not been given retrospective adjustment as discussed in Note 19. However, Note 19 states that all references to common stock and related information contained in the consolidated financial statements and related footnotes have been retrospectively adjusted. Please revise to be consistent. The same comment applies to your interim financial statement Note 8 on page F-45.

Francisco Salva Azitra Inc June 12, 2023 Page 2

You may contact Li Xiao at 202-551-4391 or Lynn Dicker at 202-551-3616 if you have questions regarding comments on the financial statements and related matters. Please contact Cindy Polynice at 202-551-8707 or Joe McCann at 202-551-6262 with any other questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Daniel K. Donahue, Esq.