



DIVISION OF  
CORPORATION FINANCE

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

December 27, 2024

Neil Maresky  
Chief Executive Officer  
Psyence Biomedical Ltd.  
121 Richmond Street West  
Penthouse Suite 1300  
Toronto, Ontario M5H 2K1

**Re: Psyence Biomedical Ltd.**  
**Registration Statement on Form F-1**  
**Filed December 20, 2024**  
**File No. 333-283980**

Dear Neil Maresky:

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 Chris Edwards at 202-551-6761 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Ari Edelman