

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

December 15, 2023

Terig Hughes Chief Financial Officer VolitionRx Limited 1489 West Warm Springs Road, Suite 110 Henderson, NV 89014

> Re: VolitionRx Limited Form 10-K for Fiscal Year Ended December 31, 2022 File No. 001-36833

Dear Terig Hughes:

We have limited our review of your filing to the financial statements and related disclosures and have the following comment.

Please respond to this letter within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe a comment applies to your facts and circumstances, please tell us why in your response.

After reviewing your response to this letter, we may have additional comments.

Form 10-K for Fiscal Year Ended December 31, 2022

Item 9A. Controls and Procedures

Management's Report on Internal Control Over Financial Reporting, page 76

1. We note that you identified material weaknesses in your internal control over financial reporting as of December 31, 2022. Please revise future filings to clearly describe each specific material weakness identified and definitively state managements conclusion of the effectiveness of your internal control over financial reporting. Refer to Item 308(a)(3) of Regulation S-K.

In closing, 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.

Terig Hughes VolitionRx Limited December 15, 2023 Page 2

Please contact Tara Harkins at 202-551-3639 or Kevin Kuhar at 202-551-3662 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences