

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

March 22, 2021

Mark Jacobson Chief Operating Officer Axsome Therapeutics, Inc. 22 Cortlandt Street, 16th Floor New York, New York 10007

Re: Axsome Therapeutics, Inc

Form 10-Q/A Exhibit No. 10.2 Filed November 6, 2020 File No. 001-37635

Dear Mr. Jacobson:

We have concluded our assessment of your redacted exhibit for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance