September 25, 2023

Russell Beyer Chief Financial Officer SAB Biotherapeutics, Inc. 2100 East 54th Street North Sioux Falls, SD 57104

Re: SAB

Biotherapeutics, Inc.

Form 10-K for the

Year Ended December 31, 2022

Filed April 14,

2023

File No. 001-39871

Dear Russell Beyer:

We have limited our review of your filing to the financial statements and related

disclosures 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 comment 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 our

comment applies to your facts and circumstances, please tell us why in your response.

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

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

Exhibits

1. We note the certifications provided in Exhibits 31.1 and 31.2 in this filing and your

Forms 10-Q do not include the introductory language in paragraph 4 referring to internal control over financial reporting after the end of the transition period that allows these omissions. Please revise your next filing to include the entire text of the certifications found in Item 601(b)(31) of Regulation S-K. Refer to Exchange Act Rule 13a-14(a).

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.

Russell Beyer

SAB Biotherapeutics, Inc.

September 25, 2023

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Finance

You may contact Tara Harkins at (202) 551-3639 or Kevin Kuhar, Accounting Branch Chief, at (202) 551-3662 with any questions.

FirstName LastNameRussell Beyer Comapany NameSAB Biotherapeutics, Inc.

Sincerely,

Division of Corporation

September 25, 2023 Page 2 FirstName LastName

Office of Life Sciences