February 7, 2024

Paul Mellett Chief Financial Officer Enanta Pharmaceuticals, Inc. 500 Arsenal Street Watertown MA 02472

Re: Enanta

Pharmaceuticals, Inc.

Form 10-K for

Fiscal Year Ended September 30, 2023

File No. 001-35839

Dear Paul Mellett:

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

the 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 September 30, 2023

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Results of Operations

Research and development expenses, page 57

You disclose that you do not report information regarding costs incurred for your earlystage research and drug discovery programs on a project-specific basis. Please revise your future filings to

address the following:

Revise to clarify the extent to which you track these costs on a project-specific basis

or disease-specific

basis.

To the extent you

do track this information, revise your future filings to break out

clinical research

and development program expenses by product candidate (i.e. EDP-

938, EDP-323).

Alternatively, break out the Virology expense line item by disease

target (i.e. RSV,

HBC, COVID-19).

If you do not track

expenses at a more granular level, revise to explain why not.

Paul Mellett

Enanta Pharmaceuticals, Inc.

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For all unallocated expenses, revise to provide a breakdown by nature of expense.

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.

Please contact Tracie Mariner at 202-551-3744 or Vanessa Robertson at 202-551-3649

with any questions.

FirstName LastNamePaul Mellett Comapany NameEnanta Pharmaceuticals, Inc.

Corporation Finance February 7, 2024 Page 2 Sciences FirstName LastName Sincerely,

Division of

Office of Life