

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

DIVISION OF CORPORATION FINANCE

December 5, 2024

William F. FeeheryChief Executive OfficerCertara, Inc.4 Radnor Corporate Center, Suite 350Radnor, PA 19087

Re: Certara, Inc. Form 10-K for Fiscal Year Ended December 31, 2023

Dear William F. Feehery:

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 the fiscal year ended December 31, 2023

Item 9A. Controls and Procedures Management's Annual Report on Internal Control over Financial Reporting, page 129

1. You disclose that your management conducted an evaluation of the effectiveness of your internal control over financial reporting as of December 31, 2023. Please amend your filing to disclose management's conclusion on the effectiveness of your internal controls over financial reporting. In this regard, include a statement as to whether or not internal control over financial reporting is effective. 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.

Please contact Amanda Kim at 202-551-3241 or Stephen Krikorian at 202-551-3488 with any questions.

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Sincerely,

Division of Corporation Finance Office of Technology

cc: Daniel D. Corcoran