

Simpson Thacher & Bartlett LLP

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E-mail Address  
wbrentani@stblaw.com

VIA EDGAR

December 8, 2020

Re: Acceleration Request for Certara, Inc.  
Registration Statement on Form S-1 (File No. 333-250182)

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Jeff Kauten

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, we attach the requests of our client, Certara, Inc., and of the underwriters that effectiveness of the above-referenced Registration Statement be accelerated to 4:00 p.m., Eastern Time, on December 10, 2020, or as soon as practicable thereafter. **We ask, however, that the Securities and Exchange Commission staff not accelerate such effectiveness until we speak with you on that date.**

Call me at (650) 251-5110 with any questions.

Very truly yours,

/s/ William B. Brentani

William B. Brentani

NEW YORK BEIJING HONG KONG HOUSTON LONDON LOS ANGELES SÃO PAULO TOKYO WASHINGTON, D.C.

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December 8, 2020

VIA EDGAR

Re: Certara, Inc.  
Registration Statement on Form S-1  
File No. 333-250182

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Jeff Kauten

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Certara, Inc. (the "Company") hereby requests that the effective date of the above-referenced Registration Statement be accelerated so that it may become effective at 4:00 p.m., Eastern Time, on December 10, 2020, or as soon as possible thereafter. In this regard, the Company is aware of its obligations under the Securities Act.

If you require any additional information with respect to this letter, please contact William Brentani (650-251-5110) of Simpson Thacher & Bartlett LLP.

[Signature Page Follows]

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Very truly yours,

CERTARA, INC.

By: /s/ Richard M. Traynor

Name: Richard M. Traynor

Title: Senior Vice President and General Counsel

*[Signature Page to Acceleration Request]*

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VIA EDGAR

Re: Acceleration Request for Certara, Inc.  
Registration Statement on Form S-1 (File No. 333-250182)

Division of Corporation Finance  
Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Jeff Kauten

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended (the "Act"), and as representatives of the several underwriters of the proposed public offering of Certara, Inc.'s common stock, we wish to advise you that we hereby join Certara, Inc.'s request that the effective date of the above-referenced Registration Statement be accelerated so that it may become effective at 4:00 p.m., Eastern Time, on December 10, 2020, or as soon as possible thereafter.

Pursuant Rule 460 under the Act, please be advised that we, as representatives of the several underwriters, have distributed approximately 2,200 copies of the preliminary prospectus, dated December 3, 2020, through the date hereof to prospective underwriters, dealers, institutional investors and others.

We, the undersigned, as representatives of the several underwriters, have complied and will continue to comply, and we have been informed by the participating underwriters that they have complied and will continue to comply, with the 48-hour requirement of Rule 15c2-8(b) under the Securities Exchange Act of 1934, as amended.

*[Signature Page Follows]*

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Very truly yours,

JEFFERIES LLC  
MORGAN STANLEY & CO. LLC

As the representatives of the several underwriters

JEFFERIES LLC

By: /s/ Mike Gerardi  
Name: Mike Gerardi  
Title: Managing Director

MORGAN STANLEY & CO. LLC

By: /s/ Kalli Dircks  
Name: Kalli Dircks  
Title: Executive Director

*[Signature Page to Underwriters' Acceleration Request]*

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