

Standard BioTools Inc.
2 Tower Place, Suite 2000
South San Francisco, CA

February 5, 2024

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
Office of Industrial Applications and Services
100 F Street, N.E.
Washington, D.C. 20549
Attention: Robert Augustin

RE: Standard BioTools Inc.
Registration Statement on Form S-3
File No. 333-276626
Request for Acceleration of Effectiveness

Ladies and Gentlemen:

In accordance with Rule 461 promulgated under the Securities Act of 1933, as amended, Standard BioTools Inc. (the "Company") hereby requests acceleration of the effective date of the Registration Statement on Form S-3 (File No. 333-276626) (the "Registration Statement"), so that it may become effective at 4:00 p.m. Eastern Time on Wednesday, February 7, 2024, or as soon as possible thereafter.

The Company hereby authorizes John T. Rudy, Esq. of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. to orally modify or withdraw this request for acceleration.

The Company respectfully requests that it be notified of such effectiveness by a telephone call to Mr. Rudy at (617) 348-3050 and that such effectiveness also be confirmed in writing. Any questions regarding this request may be addressed to Mr. Rudy.

Very truly yours,

STANDARD BIOTOOLS INC.

/s/ Jeffrey Black
Jeffrey Black
Chief Financial Officer

cc: Standard BioTools Inc.
Michael Egholm, Ph.D., *President and Chief Executive Officer*
Agnieszka Gallagher, Esq., *Senior Vice President and Chief Legal Officer*

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
John T. Rudy, Esq.
