

May 25, 2022

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
Office of Life Sciences  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Tyler Howes

**Re: Standard BioTools Inc.  
Registration Statement on Form S-3  
Filed May 17, 2022  
File No. 333-265010**

**Acceleration Request**

**Requested Date: May 26, 2022**

**Requested Time: 4:00 P.M. Eastern Time, or as soon thereafter as practicable**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Standard BioTools Inc. (the “**Company**”) hereby requests that the above-referenced Registration Statement on Form S-3 (File No. 333-265010) (the “**Registration Statement**”) be declared effective at the “Requested Date” and “Requested Time” set forth above or at such later time as the Company or its counsel may orally request via telephone call to the staff of the Division of Corporation Finance of the Securities and Exchange Commission. Once the Registration Statement has been declared effective, please orally confirm that event with our counsel, Wilson Sonsini Goodrich & Rosati, P.C., by calling Zachary Myers at (858) 350-2350.

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Sincerely,

Standard BioTools Inc.

/s/ Nicholas Khadder

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Nicholas Khadder

Senior Vice President, General Counsel, and Secretary

cc: Michael Egholm, President and Chief Executive Officer, Standard BioTools Inc.  
Robert F. Kornegay, Wilson Sonsini Goodrich & Rosati, P.C.  
Zachary Myers, Wilson Sonsini Goodrich & Rosati, P.C.