

MARAVAI LIFESCIENCES HOLDINGS, INC.

April 5, 2021

**VIA EDGAR**

United States Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549-1090

Attention: Abby Adams

**Re: Maravai LifeSciences Holdings, Inc.  
Registration Statement on Form S-1 (File No. 333-255043)  
Originally Filed April 5, 2021  
CIK: 0001823239**

Ladies and Gentlemen:

Maravai LifeSciences Holdings, Inc., a Delaware corporation (the "Company"), hereby requests acceleration of the effective date of its Registration Statement on Form S-1, originally filed on April 5, 2021 (the "Registration Statement"), to 4:00 p.m., Eastern time, on April 7, 2021 or as soon thereafter as practicable.

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Please contact Robert E. Goedert, P.C. of Kirkland & Ellis LLP, special counsel to the Company, at (312)862-7317, as soon as the Registration Statement has been declared effective, or if you have any other questions or concerns regarding this matter.

Sincerely,

**MARAVAI LIFESCIENCES HOLDINGS, INC.**

By: /s/ Carl Hull  
Name: Carl Hull  
Title: Chief Executive Officer