

MARAVAI LIFESCIENCES HOLDINGS, INC.

November 16, 2020

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, D.C. 20549-1090
Attention: Christine Torney
Lynn Dicker
Laura Crotty
Suzanne Hayes

**Re: Maravai LifeSciences Holdings, Inc.
Registration Statement on Form S-1
Originally Filed October 29, 2020
File No. 333-249733**

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, File No. 333-249733, as amended (the "Registration Statement"), to 4:00 p.m., Eastern time, on November 18, 2020 or as soon thereafter as practicable.

* * * *

Please contact Robert E. Goedert 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