

December 21, 2022

Brian C. White  
Chief Financial Officer  
Ambarella, Inc.  
3101 Jay Street  
Santa Clara, California 95054

Re: Ambarella, Inc.  
Form 10-K for the

Fiscal Year Ended January 31, 2022

Filed April 1, 2022  
File No. 001-35667

Dear Brian C. White:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance

Office of Manufacturing