

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

February 12, 2018

Edward Myles Sr. Vice President of Finance, Chief Financial Officer and Treasurer AMAG Pharmaceuticals, Inc. 1100 Winter Street Waltham, Massachusetts 02451

> Re: AMAG Pharmaceuticals, Inc. Form 10-K for the Fiscal Year Ended December 31, 2016 Filed February 21, 2017 File No. 001-10865

Dear Mr. Myles:

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 by the staff.

Division of Corporation Finance Office of Healthcare & Insurance