



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

DIVISION OF
CORPORATION FINANCE

Mail Stop 4546

January 31, 2017

Via E-mail

Mr. Edward Myles
Chief Financial Officer
AMAG Pharmaceuticals, Inc.
1100 Winter Street
Waltham, MA 02451

Re: AMAG Pharmaceuticals, Inc.
Form 10-K for the fiscal year ended December 31, 2015
Filed February 24, 2016
Form 8-K
Furnished November 3, 2016
File No. 1-10865

Dear Mr. Myles:

We have completed our review of your filings. 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,

/s/ Sharon M. Blume

Sharon M. Blume
Accounting Branch Chief
Office of Healthcare and Insurance