

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
February 7, 2012**

**ORDER GRANTING CONFIDENTIAL TREATMENT  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

**AMAG Pharmaceuticals, Inc.**

**File No. 001-10865 - CF# 27780**

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AMAG Pharmaceuticals, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibit to a Form 8-K filed on December 22, 2011.

Based on representations by AMAG Pharmaceuticals, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit will not be released to the public for the time period specified:

Exhibit 10.1                      through January 31, 2014

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Loan Lauren P. Nguyen  
Special Counsel