

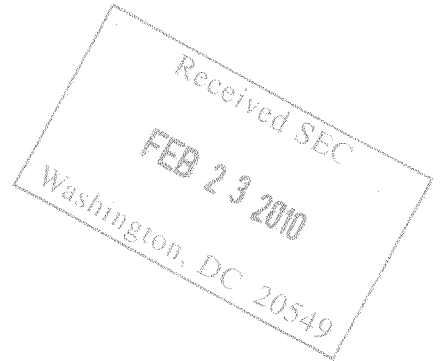
NASDAQ[®]

THE NASDAQ STOCK MARKET
8800 BLACKWELL ROAD
ROCKVILLE, MD 20850

Gary Sundick
Vice President
Listing Qualifications



10010228



*CECILE S
001-34637*

By Electronic Mail Only

February 23, 2010

Ms. Cecile Peters
Chief, IT Services
Division of Corporation Finance
U.S. Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

Dear Ms. Peters:

This is to certify that on February 22, 2010 The Nasdaq Stock Market (the "Exchange") received from Anthera Pharmaceuticals, Inc. (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following security:

Common Stock, \$0.001 par value

We further certify that the security described above has been approved by the Exchange for listing and registration upon official notice of issuance.

We understand that the Registrant is seeking effectiveness of the Form 8-A 12(b) concurrently with effectiveness of its 1933 Act Registration Statement, and we hereby join in such request.

Sincerely,

Gary N. Sundick