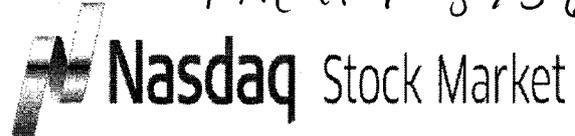


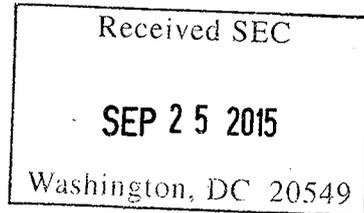


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CERTNAS  
File # 1-37566



William Slattery, CFA  
Vice President  
Listing Qualifications



Electronic Mail Only

September 25, 2015

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

Dear Mr. Thomas:

This is to certify that on September 23, 2015 The Nasdaq Stock Market (the "Exchange") received from Mirna Therapeutics, Inc. (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following securities:

Common Stock, \$0.001 par value per share

We further certify that the securities described above have 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,

*William Slattery*