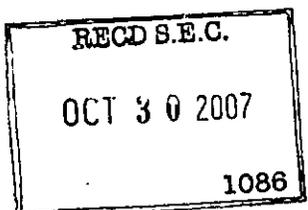


NASDAQ

THE NASDAQ STOCK MARKET
LISTING QUALIFICATIONS DEPARTMENT
9600 BLACKWELL ROAD
ROCKVILLE, MD 20850



Gary Sundick
Vice President
Listing Qualifications



By Facsimile and First Class Mail

October 30, 2007

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

001-33775
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THOMSON
FINANCIAL
CECTNAS

Dear Ms. Peters:

This is to certify that on October 29, 2007 The Nasdaq Stock Market (the "Exchange") received from Nanosphere, 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, par value \$.01

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,

END