

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549-3561

MAIL STOP 3561

January 26, 2010

Mr. John P. Byrnes, Chief Executive Officer Lincare Holdings Inc. 19387 US 19 North Clearwater, Florida

Re: Lincare Holdings Inc.

Form 10-K for Fiscal Year Ended December 31, 2008

Filed on February 25, 2009

File No. 0-19946

Dear Mr. Byrnes:

We have completed our review of your Form 10-K and have no further comments at this time.

Sincerely,

John Reynolds Assistant Director

cc: Mr. Byrnes

Legal Department

FAX: (727) 431-1245