



DIVISION OF
CORPORATION FINANCE
MAIL STOP 7010

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-7010

June 27, 2007

By Facsimile and U.S. Mail

Mr. David M. Demshur
Chief Executive Officer
Core Laboratories NV
Herengracht 424
1017 BZ Amsterdam
The Netherlands

Re: Core Laboratories NV
Form 10-K for the Fiscal Year Ended December 31, 2006
Filed February 20, 2007
Response Letter Dated June 7, 2007
File No. 001-14273

Dear Mr. Demshur:

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

Sincerely,

Jill Davis
Branch Chief