MAIL STOP 3561

June 17, 2008

By U.S. Mail and facsimile to (336) 436-1755

Mr. David P. King, Vice President and CEO Laboratory Corporation of America Holdings 358 South Main Street Burlington, NC 27215

Re: Laboratory Corporation of America Holdings

Form 10-K for Fiscal Year Ended December 31, 2007

Filed February 26, 2008 File No. 001-11353

Dear Mr. King:

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

Sincerely,

Tia Jenkins Senior Assistant Chief Accountant Office of Beverages, Apparel and Health Care Services