



DIVISION OF  
CORPORATION FINANCE

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

May 20, 2015

Via E-mail  
Arthur H. Tinkelenberg, Ph.D.  
President and Chief Executive Officer  
Enumeral Biomedical Holdings, Inc.  
200 CambridgePark Drive, Suite 2000  
Cambridge, Massachusetts 02140

**Re: Enumeral Biomedical Holdings, Inc.**  
**Preliminary Proxy Statement on Schedule 14A**  
**Filed May 8, 2015**  
**File No. 000-55415**

Dear Dr. Tinkelenberg:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Jeffrey P. Riedler

Jeffrey P. Riedler  
Assistant Director