



DIVISION OF
CORPORATION FINANCE

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

August 20, 2013

Via E-Mail

Mr. James B. Frakes
Chief Financial Officer
Aethlon Medical, Inc.
8910 University Center Lane, Suite 660
San Diego, California 92122

Re: Aethlon Medical, Inc.
Form 10-K for the Fiscal Year Ended March 31, 2013
Filed July 15, 2013
File No. 000-21846

Dear Mr. Frakes:

We have completed our review of your filing. 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 filing 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 filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Martin James

Martin James
Senior Assistant Chief Accountant