



9635 Granite Ridge Drive  
Suite 100  
San Diego, CA 92123  
Phone 858-459-7800

September 29, 2017

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street N.E.  
Washington, D.C. 20549

Attention: Russell Mancuso, Esq.  
Heather Percival, Esq.

Re: Aethlon Medical, Inc.  
Registration Statement on Form S-1  
File No. 333-219589

**REQUEST FOR ACCELERATION OF EFFECTIVENESS**

Dear Mr. Mancuso and Ms. Percival:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Aethlon Medical, Inc. (the "Registrant") hereby respectfully requests acceleration of the effective date of its Registration Statement on Form S-1 (File No. 333-219589), as amended (the "Registration Statement"), so that it may become effective at 4:00 p.m. Eastern Daylight Time on September 29, 2017, or as soon as practicable thereafter.

The Registrant hereby authorizes Jolie Kahn, Esq., to orally modify or withdraw this request for acceleration.

We respectfully request that we be notified of such effectiveness by a telephone call to Ms.Kahn at (516) 217-6379.

Very truly yours,

AETHLON MEDICAL, INC.

/s/ James B. Frakes  
James B. Frakes  
Chief Financial Officer