

Mail Stop 6010

April 23, 2008

Barbara Duncan  
Chief Executive Officer  
DOV Pharmaceutical, Inc.  
150 Pierce Street  
Somerset, New Jersey 08873

**Re: DOV Pharmaceutical, Inc.  
Preliminary Proxy Statement on Schedule 14A, Filed April 11, 2008  
File No. 0-49730**

Dear Ms. Duncan:

We have completed our review of your proxy statement and have no further comments at this time. Please contact Song Brandon at (202) 551-3621 with any questions.

Sincerely,

Jeffrey Riedler  
Assistant Director