Via Facsimile and U.S. Mail Mail Stop 6010

September 4, 2007

Mr. Gregory P. Hanson, CMA Senior Vice President, Chief Financial Officer (Principal Financial and Accounting Officer) ADVENTRX Pharmaceuticals, Inc. 6725 Mesa Ridge Road Suite 100 San Diego, CA 92121

Re: ADVENTRX Pharmaceuticals, Inc. Form 10-K for the Fiscal Year Ended December 31, 2006 Filed March 15, 2007 File Number: 001-32157

Dear Mr. Hanson:

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

Sincerely,

Jim B. Rosenberg Senior Assistant Chief Accountant