April 21, 2009

John F. Crowley President and Chief Executive Officer Amicus Therapeutics, Inc. 6 Cedar Brook Drive Cranbury, NJ 08512

Re: Amicus Therapeutics, Inc.

Form 10-K

Filed February 8, 2008 File No. 001-33497

Dear Mr. Crowley:

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

Sincerely,

Jeffrey P. Riedler Assistant Director

cc: Julio E. Vega

Noreen A. Martin

Bingham McCutchen LLP

Fax: 617.951.8736