

Via Facsimile and U.S. Mail  
Mail Stop 4720

October 29, 2009

Barclay A. Phillips  
Senior Vice President and Chief Financial Officer  
Micromet, Inc.  
6707 Democracy Boulevard, Suite 505  
Bethesda, MD 20817

**Re: Micromet, Inc.**  
**Form 10-K for the Fiscal Year Ended December 31, 2008**  
**Definitive Proxy Statement**  
**File Number: 000-50440**

Dear Mr. Phillips:

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

Sincerely,

Joel Parker  
Accounting Branch Chief