



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Vinblastine Sulfate\_  
**Catalog Number:** 190287\_  
**Lot:** 8206C\_

**Formula:** C<sub>46</sub>H<sub>60</sub>N<sub>4</sub>O<sub>13</sub>S  
**CAS #:** 143-67-9  
**Physical Description:** White Powder

**Formula Weight:** 909.10  
**Storage:** +4°C

| Test          | Specification | Result |
|---------------|---------------|--------|
| Identity Test | Passes        | Passes |

### Additional Testing For Information Only:

Assay 100.2%  
Test for Sulfate: Complies  
pH (0.15% solution): 4.2  
Loss on Drying: 11.5%  
Organic Volatile Impurities - Chloroform: 6 ppm  
Organic Volatile Impurities - Methylene Chloride: 47 ppm

  
06/09/2000 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC.  
Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site  
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)