



**MP Biomedicals, LLC**

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## Certificate of Analysis


**Product:** Vinblastine Sulfate  
**Catalog No.:** 190287  
**Formula:** C<sub>46</sub>H<sub>60</sub>N<sub>4</sub>O<sub>3</sub>S  
**Purity:** 100.8% (dry basis)  
**Physical Description:** Off-white powder

**Lot No.:** 73384  
**Formula Weight:** 909.7  
**Storage:** +4°C

### Analysis

Identity Test  
pH (0.5% aqueous)  
Loss on Drying  
Chloroform  
Methylene Chloride  
Other Organic Volatile Impurities

Passes  
3.8  
11.3%  
23 ppm  
Not Detected  
Not Detected

  
11/15/1999 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC  
Technical Director