



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Etoposide\_  
**Catalog Number:** 193918\_  
**Lot:** 1265J\_

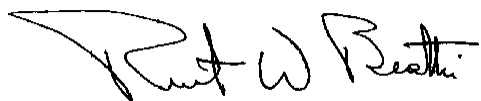
**Formula:** C<sub>29</sub>H<sub>32</sub>O<sub>13</sub>  
**CAS #:** 33419-42-0  
**Physical Description:** White Powder

**Formula Weight:** 588.60  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
UV/Vis: □ max (methanol)	283 ± 3 nm	283 nm

Assay (HPLC): 99.6%  
Bulk Density: 0.5 g/ml  
Heavy Metals: <20 ppm  
Particle Size -  
Length 95% <: 220 µm  
Width 95% <: 140 µm  
Residual Solvents -  
Acetone: 5 ppm  
Dichloromethane: 16 ppm  
Ethanol: <8 ppm  
Methanol: 6 ppm  
Residue on Ignition: <0.03%  
Total Impurities: 0.26%  
Water: 0.4%

Microbiological Analysis -  
Molds: <10 cfu/g  
Pathogens: Absent  
Total Microorganisms: <100 cfu/g  
Yeast: <10 cfu/g  
Endotoxin: <1.95 EU/mg



03/08/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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