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## Certificate of Analysis

**Product Description:** Captopril\_  
**Catalog Number:** 154928\_  
**Lot:** 9176K\_

**Formula:** C<sub>9</sub>H<sub>15</sub>NO<sub>3</sub>S  
**CAS #:** 62571-86-2  
**Physical Description:** White Powder

**Formula Weight:** 217.28  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes

Loss on Drying: 0.06%  
Residue on Ignition: 0.04%  
Heavy Metals: <0.003%  
Captopril Disulfide content: 0.16%  
Assay: 99.6%  
Melting range: 107.4 ~ 108.3°C  
IR: Conforms  
Specific optical rotation: -130.3°  
Single unknown impurity: 0.02%  
Other total impurities: 0.03%

*Christina Marotta*

12/27/2010 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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