



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** p-Nitrophenylphosphate Di(tris) Salt  
**Catalog Number:** 151766\_  
**Lot:** 3411J\_

**Formula:** C<sub>14</sub>H<sub>28</sub>N<sub>3</sub>O<sub>12</sub>P  
**CAS #:** 68189-42-4  
**Physical Description:** White Powder

**Formula Weight:** 461.37  
**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Melting Point	154 - 169°C	163 - 165.8°C
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	219-223, 307-311 nm	220, 311 nm

p-Nitrophenol: 0.0001%  
Water: 0.76%

08/10/2007 - Robert Beattie  
MP Biomedicals, LLC.  
Technical Director

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<mailto:biotech@mpbio.com>  
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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)