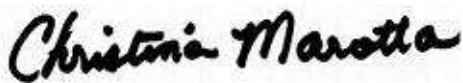


**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** Poly-D-lysine Hydrobromide  
**Catalog Number:** 150175  
**Lot:** M8672**Formula:**  $(C_6H_{12}N_2O \cdot HBr)_n$   
**CAS #:** 27964-99-4  
**Physical Description:** White Powder**Formula Weight:** 70,000-150,000  
**Storage:** -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Avg. Molecular Weight	70,000 - 150,000	70,000 - 150,000 (HPLC) 105,000 (by viscosity)
Degree of Polymerization	Report Result	56 (by viscosity)

Counter Ion: HBr  
Purity by NMR: Ad min. 95%02/05/2014 - Christina Marotta  
MP Biomedicals, LLC.  
Technical DirectorThis is an electronically generated document  
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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)