

## Certificate of Analysis

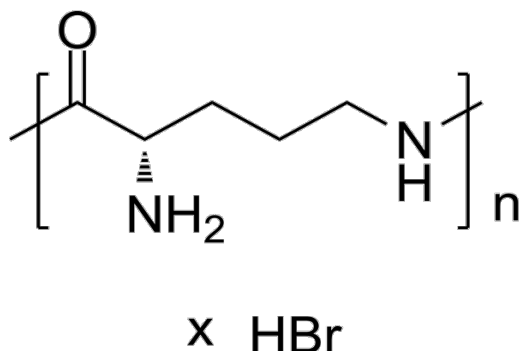
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Product Name: PPoly-L-ornithine hydrobromide (MW 30000-70000)  
Cat. No.: GF04177  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 27378-49-0  
Molecular Formula:  $(C_5H_{12}N_3O_2)_n \cdot xHBr$   
Molecular Weight: 30000-70000  
Storage: Store at  $-20^{\circ}C$

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com  
Address: 10292 Central Ave. #205, Montclair, CA, USA