

## Certificate of Analysis

---

Product Name: Lipopolysaccharides from Escherichia coli O111:B4  
Cat. No.: GC19203  
Batch No.: 4  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:  
Molecular Formula:  
Molecular Weight:  
Storage: -20°C

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
Potency (Sample EU/mg): >3000000 EU/mg  
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