

## Certificate of Analysis

---

Product Name: Obinutuzumab  
Cat. No.: GC61143  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 949142-50-1  
Molecular Formula:  
Molecular Weight: 146298.97

### ANALYTICAL DATA

Appearance: Colorless to light yellow (Solution)  
Purity(SEC-HPLC): >99.4%  
Concentration: 25 mg/mL  
pH Value: 6.3  
Endotoxin Level: <1 EU/mg  
Activity: 101% of Reference  
Formulation: It is formulated in a sterile solution containing histidine, histidine hydrochloride monohydrate, trehalose dehydrate, poloxamer 188 and water for injections.  
Storage and Handling: Store at 4°C, do not freeze  
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: (626) 353-8530 Fax: (626) 353-8530 E-mail: tech@glpbio.com  
Address: 10292 Central Ave. #205, Montclair, CA, USA