

## Certificate of Analysis

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Product Name: Trastuzumab (Anti-Human HER2, Humanized Antibody)  
Cat. No.: GC34215  
Batch No.: 3  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 180288-69-1  
Molecular Formula:  $C_{6470}H_{10012}N_{1726}O_{2013}S_{42}$   
Molecular Weight: 145145.09  
Storage: -20 °C, avoid multiple freeze-thaw cycles.

### ANALYTICAL DATA

Appearance: White to light yellow (Solution)  
Purity (CE-SDS): >99.50%  
Concentration: 21.8 mg/ml  
Endotoxin Level: <1 EU/ml  
Osmolality: 61 mOsmol/kg  
Biological Activity: 104%  
Expression System: CHO stable expression cell line using plasmid vector  
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.**

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