

## Certificate of Analysis

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Product Name: Atezolizumab (MPDL3280A)  
Cat. No.: GC32704  
Batch No.: 6  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1380723-44-3  
Molecular Formula:  
Molecular Weight: 144590.5

### ANALYTICAL DATA

Appearance: A liquid  
Concentration: 57.5mg/ml  
Bacterial Endotoxins Test: < 1EU/ml  
Residual Proteins of Host Cell: 1ng/mg  
Exogenous Residual DNA: < 1 pg/mg  
Residual Protein A: < 1 ng/mg  
Non-reduced CE-SDS: 98.50%  
SEC-HPLC: 95.20%  
Biological Activity: 98.00%  
Storage and Handling: Store at -80°C.  
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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