

## Certificate of Analysis

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Product Name: Atezolizumab (MPDL3280A)  
Cat. No.: GC32704  
Batch No.: 4  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

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

### ANALYTICAL DATA

Appearance: Colorless to light yellow (Solution)  
Purity(SEC-HPLC): 99.1%  
Concentration: 63.0 mg/mL  
Endotoxin Level: <1 EU/ml  
Sterility: Sterilized via a 0.22 µm filter and packaged aseptically  
Storage Buffer: PBS, pH 7.2  
Expression System: CHO stable cell line  
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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