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## Certificate of Analysis

### Description of the Material:

- (a) Chemical Name: Trastuzumab anti-Her2 mAb Control
- (b) Molecular Weight: ~ 148 kDa
- (c) Appearance: Colorless to white lyophilized powder in a microcentrifuge tube
- (d) Amount: Each tube contains 100 µg of lyophilized product
- (e) Reconstitution: Reconstitute with the desired volume of sterile water. For reference, reconstitution with 100 µL yields a concentration of 1 mg/mL. The reconstituted product is in a histidine-buffered solution at pH 5.5–6.0.

### Antibody Information:

- (a) Immunogen: Cells overexpressing human HER2/ErbB2
- (b) Species Reactivity: Human and cynomolgus monkey. No detectable cross-reactivity with mouse or rat ErbB2/neu
- (c) Expression Host: Chinese hamster ovary (CHO) cells, stable recombinant cell line
- (d) Class/Isotype: Human IgG1 Kappa (IgG1k)
- (e) Antibody Type: Monoclonal
- (f) Purification Method: Multistep chromatographic purification, including Protein A affinity chromatography

### SKU Code and Lot Number:

- (g) SKU Code: CM51001
- (h) Lot Number: S705.S7.0630F\_100 mcg

### Purity, and Other Specifications:

- (a) Purity: >99% by SEC HPLC
- (b) Endotoxin Level: ≤0.1 EU/mg of antibody, as reported by the supplier. The finished product was not retested after lyophilization.

**Intended use:** For research and development use only.

**Hazard Information:** See SDS.

**Shelf life, Storage/Stability as Supplied:** The product is fairly stable as a solid at ambient temperature. The recommended long-term storage temperature is -20 °C. Following reconstitution with sterile water, the tubes can be stored at 2–8 °C for a few weeks.

**Expiration Date:** 1 year after receiving if stored at -20 °C or below.

**Certified by:** Yumei Huang

**Certifying Officer:** Yumei Huang

Date Appendix: HPLC Data

Injection date: Tue, 30. Jun. 2026  
C:\HPCHEM\1\DATA\HPLC4\_26\06300005.D  
Instrument: Instrument 1

Injection Time: 11:45:40 AM  
Report Style: CM\_Ext



CellMosaic, Inc. www.cellmosaic.com  
10 A Roessler Road, Woburn, MA 01801, USA.

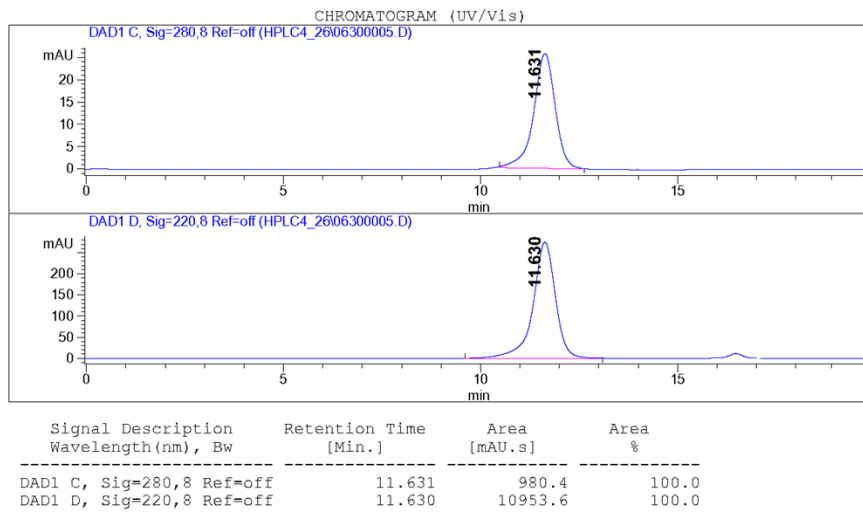
### SEC HPLC Analysis Data

#### HPLC ANALYSIS DATA

Data Acquired By: QC  
Sample Location: Vial 12  
Sample Name: S705.S1.0630F

Actual injection Volume: 10.0 uL  
Sequence Name:  
Method: C:\HPCHEM\1\METHODS\C14-3002.M  
Pressure: 46.2 bar  
Flow: 0.400 uL/min  
Temp (C): 25.0 C

-- SAMPLE INFORMATION --  
S705.S1.0630F  
Trastuzumab Stock x20



\*\*\*\*\*END OF REPORT\*\*\*\*\*

Injection date: Wed, 1. Jul. 2026 Injection Time:2:35:12 PM  
C:\HPCHEM\1\DATA\HPLC5\_26\0701B003.D  
Instrument:Instrument 1 Report Style:CM\_EXTER



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10 A Roessler Road, Woburn, MA 01801, USA.

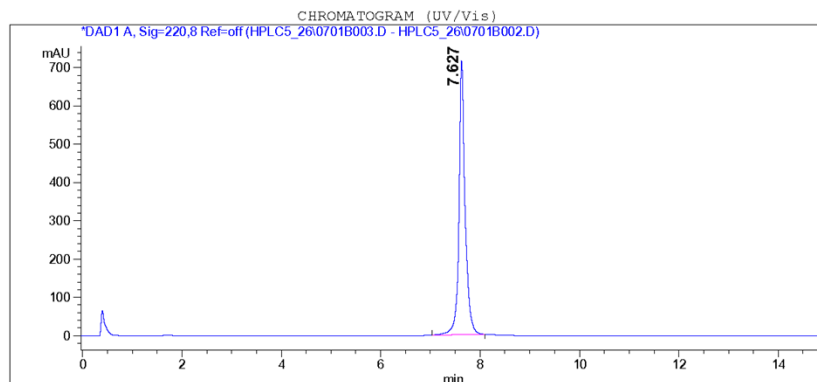
### HIC HPLC Analysis Data

#### HPLC ANALYSIS DATA

Data Acquired By:QC  
Sample Location:Vial 41  
Sample Name:S705.S1.0630F

Actual injection Volume:Actua->  
Sequence Name:  
Method:C:\HPCHEM\1\METHODS\C4-9601.M  
Pressure: 101.6 bar  
Flow: 0.800 uL/min  
Temp (C): 35.1 C

-- SAMPLE INFORMATION --  
S705.S1.0630F  
Trastuzumab Stock x20



| Signal Description<br>Wavelength (nm), Bw | Retention Time<br>[Min.] | Area<br>[mAU.s] | Area<br>% |
|-------------------------------------------|--------------------------|-----------------|-----------|
| DAD1 A, Sig=220,8 Ref=off                 | 7.627                    | 6151.7          | 100.0     |

\*\*\*\*\*END OF REPORT\*\*\*\*\*