
Certificate of Analysis

Description of the Material:

- (a) Chemical Name: Trastuzumab HPLC Standard, hIgG1k mAb
- (b) Molecular Weight: ~148 kDa
- (c) Appearance: Colorless to white lyophilized powder in a microcentrifuge tube
- (d) Amount: 400 µg (4 tubes, each tube contains 100 µg of lyophilized product)
- (e) Reconstitution: Reconstitute each tube with the desired volume of sterile water. For reference, reconstituting one tube with 100 µL yields a product concentration of 1 mg/mL. The resulting solution is histidine-buffered 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: CM51002
- (h) Lot Number: S705.S7.0630F

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.

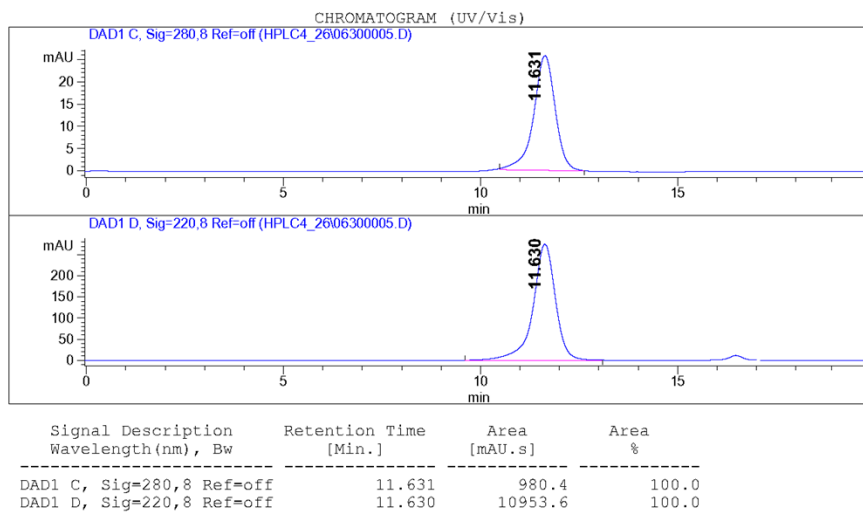
SEC HPLC Analysis Data

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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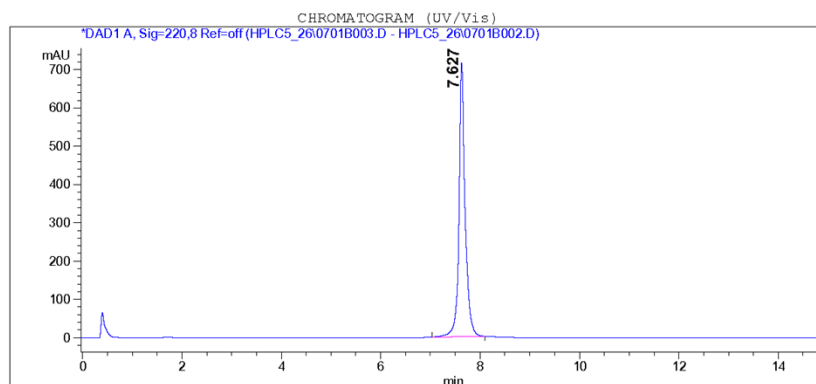
HIC HPLC Analysis Data

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 Wavelength (nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 A, Sig=220,8 Ref=off	7.627	6151.7	100.0

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