

Certificate of Analysis

Description of the Material:

- (a) Chemical Name: AqT® Biotin Reduced Thiol-Labeled Trastuzumab (Anti-Her2 mAb)
- (b) Appearance: White to off-white lyophilized powder.
- (c) Amount: Each tube contains 100 µg or 500 µg of AqT® Biotin Trastuzumab.
- (d) Reconstitution: Reconstitute with the desired volume of sterile water. For reference, reconstituting a 100 µg tube with 100 µL of sterile water or a 500 µg tube with 500 µL of sterile water yields a product concentration of 1 mg/mL. The resulting solution is citrate-buffered at approximately pH 6.4.

SKU Code and Lot Number:

- (a) SKU Code: CM86169-100UG, CM86169-500UG
- (b) Lot Number: S702.11.0701F

Assay, Specification and Result:

Assay	Method or SOP #	Specification	Results
SEC-HPLC	C14-3002	≥95% of monomer	100% (pass); SEC profile attached
HIC-HPLC	C4-9601	Report result (for information only)	Main peak area: 99% (pass); HIC profile attached
DOL: Average Number of Biotin Molecules per Antibody	HABA assay	6-8	6.9 (pass)

Intended use: For research and development use only.

Solubility: Soluble in water.

Hazard Information: See SDS.

Shelf life, Storage/Stability as Supplied: The conjugate is fairly stable as a solid at ambient temperature. For long-term storage, keep it at -20 °C or below. After reconstitution, the stock solution can be stored at 2-8 °C and used for up to one week.

Expiration Date: One year after receiving the item, stored at recommended temperature.

Quality Assurance Statement:

The product has been tested according to approved standard operating QC procedures. The information on this certificate has been reviewed by CellMosaic Inc. QC/QA team and accurately reflects the manufacturing and analysis data for the product lot specified above.

Certified by: 

Certifying Officer: Yumei Huang

Injection date: Wed, 1. Jul. 2026
C:\HPCHEM\1\DATA\HPLC4_26\07010004.D
Instrument: Instrument 1

Injection Time: 3:11:58 PM
Report Style: SEC3



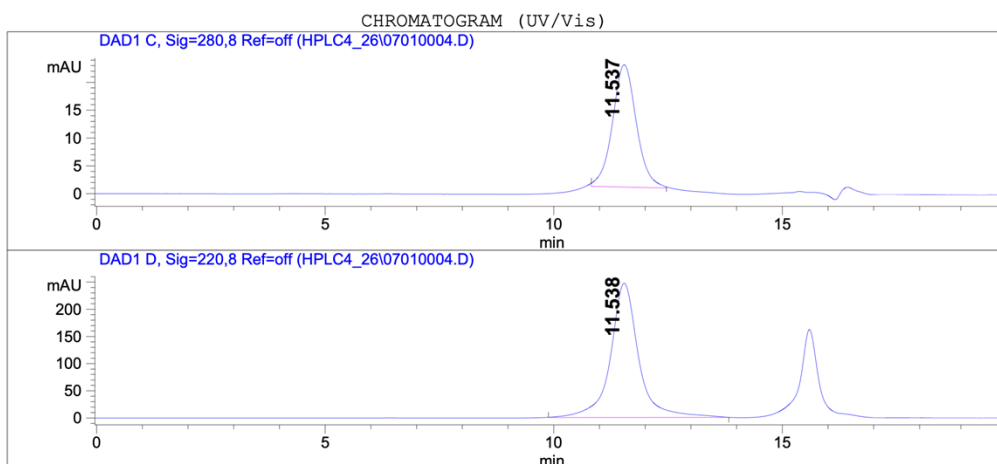
CellMosaic, Inc. www.cellmosaic.com
10 A Roessler Road, Woburn, MA 01801, USA.

Size Exclusion HPLC Analysis Data

Data Acquired By: QC
Sample Location: Vial 81
Sample Name: S702.S11.0701F

Actual injection Volume: 10.0 uL
Sequence Name:
Method: C:\HPCHEM\1\METHODS\C14-3002.M
Pressure: 45.0 bar
Flow: 0.400 mL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
S702.S11.0701F
AqT Biotin-Trastuzumab x10 -->



Signal Description Wavelength (nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 C, Sig=280,8 Ref=off	11.537	800.1	100.0
DAD1 D, Sig=220,8 Ref=off	11.538	10618.6	100.0

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

Injection date: Wed, 1. Jul. 2026
C:\HPCHEM\1\DATA\HPLC5_26\0701B004.D
Instrument: Instrument 1

Injection Time: 2:55:35 PM
Report Style: HIC



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

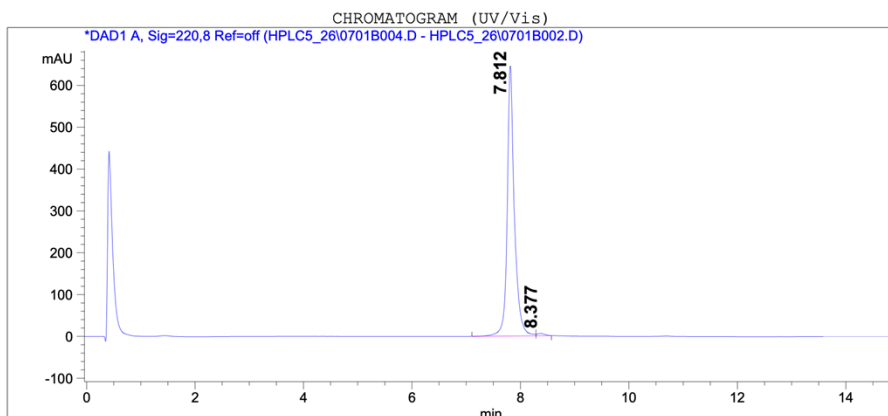
HIC HPLC Analysis Data

HPLC ANALYSIS DATA

Data Acquired By: QC
Sample Location: Vial 42
Sample Name: S702.S11.0701F

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): 35.0 C

-- SAMPLE INFORMATION --
S702.S11.0701F
AqT-Biotin-Trastuzumab x10



Signal Description Wavelength (nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 A, Sig=220,8 Ref=off	7.812	5922.1	99.0
	8.377	58.9	1.0

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