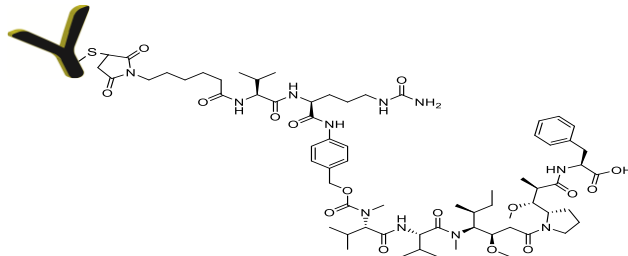


## Certificate of Analysis

### Description of the Material:

- (a) Product Name: ADC Control hIgG1-MMAF with VC-PAB Linker  
 (b) Chemical Structure:



- (c) Molecular Weight: 152 KDa  
 (d) Appearance: Colorless to white lyophilized powder  
 (e) Amount: Each tube contains either 100 µg or 500 µg product  
 (f) Reconstitution: Dissolve in 100 µL (for 100 µg tube) or 500 µL (for 500 µg tube) deionized water to achieve 1 mg/mL in sodium citrate buffer containing sugar-based stabilizer (no preservative)

### Antibody Information:

- (a) Immunogen: HEL (Hen Egg Lysozyme)  
 (b) Species Reactivity: Chicken  
 (c) Expression Host: CHO-S cell line  
 (d) Class: Human IgG1, Kappa  
 (e) Antibody Type: Monoclonal  
 (f) Applications: ELISA, FACS, IF, IHC, *in vivo* studies, IP, WB  
 (g) Purification Method: Affinity purified

### SKU Code and Batch Number:

- (h) SKU Code: CM51101-100UG, CM51101-500UG, or CM51101-1MG  
 (i) Lot Number: S524.S19.0531D

### Purity, Endotoxin, and DAR Data:

- (a) HPLC Purity: ≥99% of MMAF labeled antibody by SEC HPLC (2.2% of aggregated), free of any unreacted MMAF.  
 (b) Endotoxin Level: ≤0.5 EU/mg by the LAL method  
 (c) MALDI-TOF MS Data for Intact Conjugate: 152,042 Da  
 (d) Drug over Antibody Ratio (DAR):

| Method                     | Average DAR |
|----------------------------|-------------|
| UV Ratio (A248/A280)       | 3.1         |
| HIC HPLC                   | 3.6         |
| Difference in MALDI-TOF MS | 3.8         |

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

**Hazard Information:** See SDS.


**Shelf life, Storage/Stability:** The product is fairly stable as solid at ambient temperature. Recommended long-term storage is at -20°C or preferably in a -80°C freezer. The reconstituted lyophilized tubes should be used immediately following reconstitution with sterile water. If not used immediately, the reconstituted tubes can be stored for up to 4 hours in a 2–8°C refrigerator.

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

**Data Appendix:** Size exclusion HPLC.

Injection date: Wed, 5. Jun. 2024  
C:\HPCHEM\1\DATA\HPLC4\_24\06050013.D  
Instrument: Instrument 1

Injection Time: 6:02:12 PM  
Report Style: CM\_Extar

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

HPLC ANALYSIS DATA

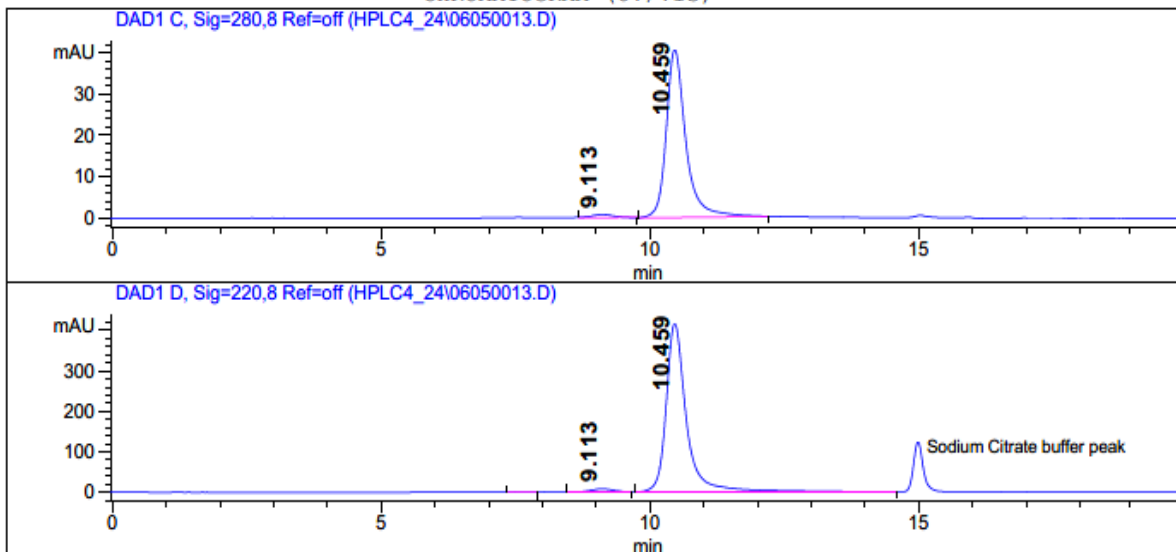
Data Acquired By: QC  
Sample Location: Vial 51  
Sample Name: CM51101

Actual injection Volume: 10.0 uL  
Sequence Name:  
Method: C:\HPCHEM\1\METHODS\C2-3001.M  
Pressure: 37.8 bar  
Flow: 0.750 uL/min  
Temp (C): 25.0 C

-- SAMPLE INFORMATION --  
ADC Control hIgG1-VC-PAB-MMAF  
S524.S19.0531D

SEC HPLC

CHROMATOGRAM (UV/Vis)



| Signal Description<br>Wavelength(nm), Bw | Retention Time<br>[Min.] | Area<br>[mAU.s] | Area<br>% |
|--|--------------------------|-----------------|-----------|
| DAD1 C, Sig=280,8 Ref=off                | 9.113                    | 19.8            | 1.9       |
|  | 10.459                   | 1037.9          | 98.1      |
| DAD1 D, Sig=220,8 Ref=off                | 7.552                    | 18.5            | 0.2       |
|  | 9.113                    | 220.0           | 2.0       |
|  | 10.459                   | 10996.6         | 97.9      |

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