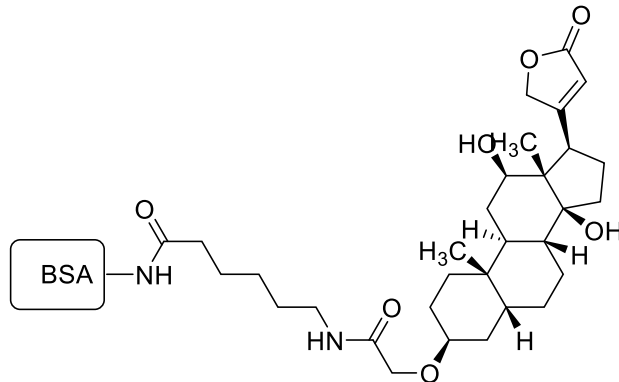


Certificate of Analysis

Description of the Material:

- (a) Chemical Name: BSA-Digoxigenin Conjugate
- (b) Chemical Structure:



- (c) Molecular Weight: 75.9 KDa
- (d) Appearance: white to off-white preservative-free lyophilized powder
- (e) Amount: each tube contains 1 mg of BSA-Digoxigenin
- (f) Reconstitution: dissolve in 220 μ L of deionized water to obtain 4.93 mg/mL in 1xPBS buffer containing sugar-based stabilizer

Material Code and Batch Number:

- (a) Material Code: CM52107-1MG or CM52107-5MG
- (b) Lot Number: 1321-050.S7.091219

Purity, MS Data, and Loading:

- (a) HPLC Analysis: \geq 99% of conjugates, free of any unreacted digoxigenin
- (b) MALDI-TOF MS Data for Intact Conjugate: 75,869 Da
- (c) Average Digoxigenin Molecules per BSA: 17 by difference in MALDI-TOF MS

Intended Use: For research and development use only.

Hazard Information: No known OSHA hazards. See SDS for details.

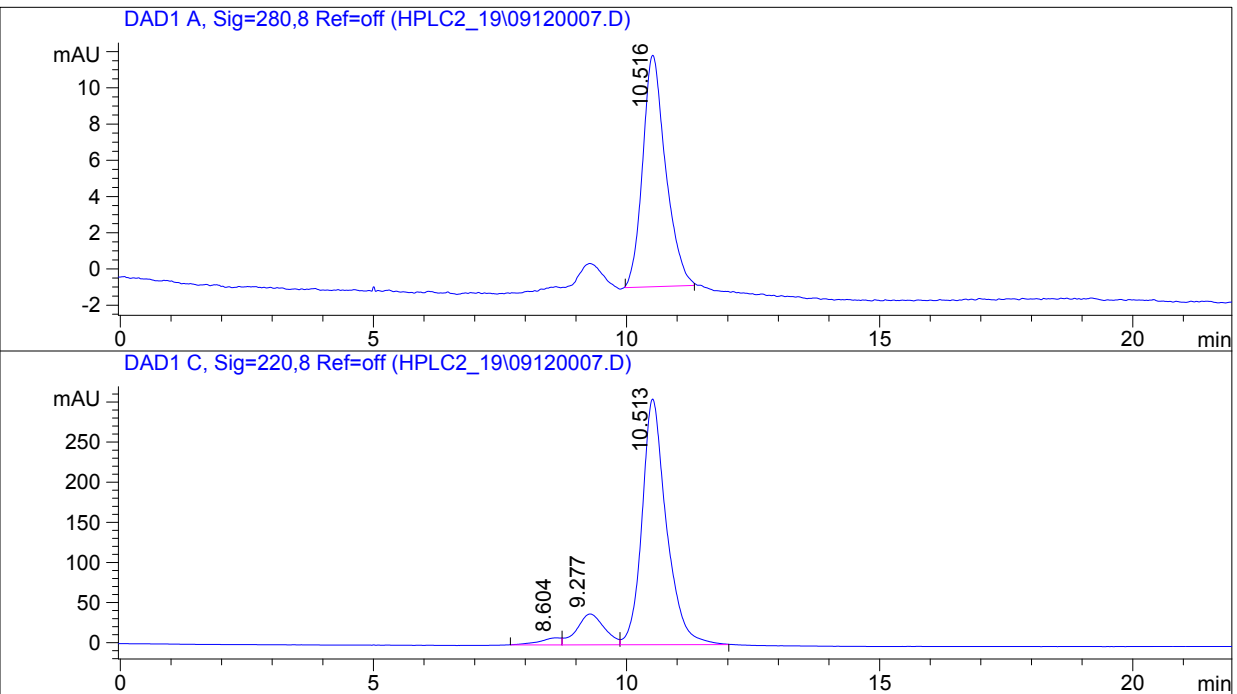
Shelf Life, Storage/Stability: The conjugate is fairly stable as solid at ambient temperature. Recommended long term storage is at -20°C or preferably in a -80°C freezer. After reconstitution, the solution may be able to stay at $2-8^{\circ}\text{C}$ for a few weeks or -20°C for a few months.

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

Data Appendix: Size Exclusion HPLC and MALDI-TOF MS data.

Data File name: C:\HPCHEM\1\DATA\HPLC2_19\09120007.D
 Method name: TSK-L5.M **SEC HPLC of Conjugate**
 Injection Time: 2:53:55 PM **(Lot#: 1321-050.S7.091219)**
 Injection Date: 9/12/2019

CellMosaic, Inc. Injection Volume: 10.000
 Instrument 1 Sequence Name:
 Data Acquired By: CellMosaic QA Pressure (bar) : 58.160
 Location: Vial 65 Flow (mL/min) : 0.750
 Sample Name: 1321-050.s7-> Temp (C) : 24.990

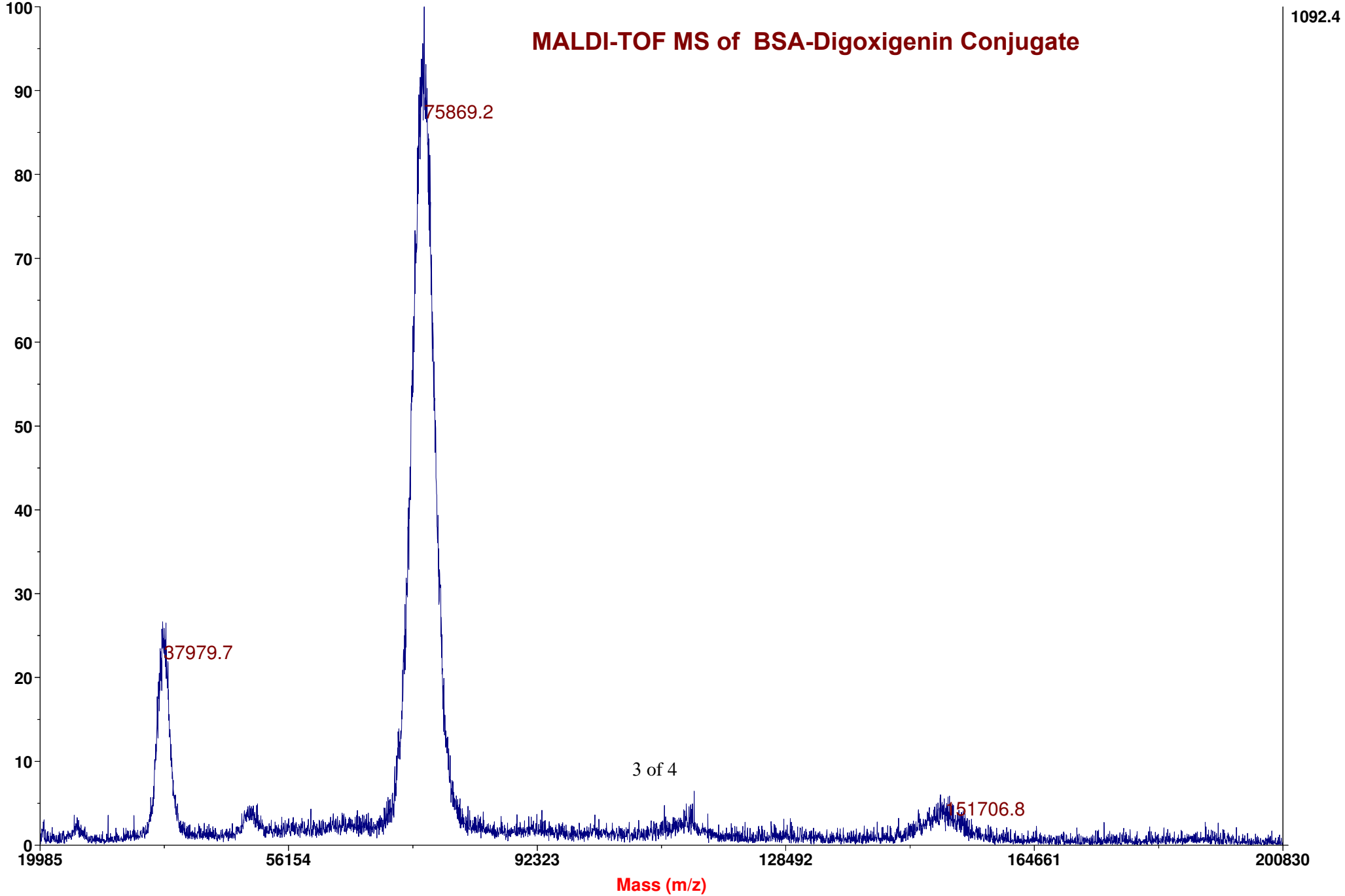


#	Meas.RT	Main Peak Area	Main Peak Area %	Main Peak Height
1	8.604	264.895	2.214	8.836
2	9.277	1450.973	12.128	38.517
3	10.513	10247.704	85.658	306.261

Total

Spectrum Report

Final - Shots 1250 - LAJ_7297_01; Run #4; Label H18



Spectrum Report

Final - Shots 1250 - LAJ_7297_01; Run #5; Label I23

