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Certificate of Analysis

Description of the Material:

- (a) Chemical Name: Ova-Maleimide (Albumin from chicken egg white)
- (b) Molecular Weight of the conjugate: 46 KDa
- (c) CAS Registry Number: N/A
- (d) Appearance: Lyophilized powder and ready for use after reconstitution with water.
- (e) Amount: 2 mg

Material Code and Batch Number:

- (a) Part Number: CM52114
- (b) Lot Number: S339.S11.052521

Purity and Loading:

- (a) HPLC Analysis: $\geq 99\%$ maleimide labeled Ova
- (b) Active Maleimide Groups: ~ 10 per Ova by maleimide assay

Intended Use: For research and development use only.

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

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 $2-8^{\circ}\text{C}$ refrigerator.

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

Data Appendix: Size exclusion HPLC Data.

Supplemental Data Sheets

Figure 1: SEC HPLC analysis of Ova (left, 11% aggregation) and purified conjugates (right, 44% aggregation). Retention time shift: 0.399 minutes.

