

## Certificate of Analysis

### Description of the Product:

- (a) Product Name: SEC HPLC protein standard
- (b) Appearance: Lyophilized powder
- (c) Amount: 4 tubes

### Material Code and Batch Number:

- (a) Part Number: CM92004
- (b) Lot Number: S216.S18.1230D

### SEC HPLC Profile of the Protein Standard

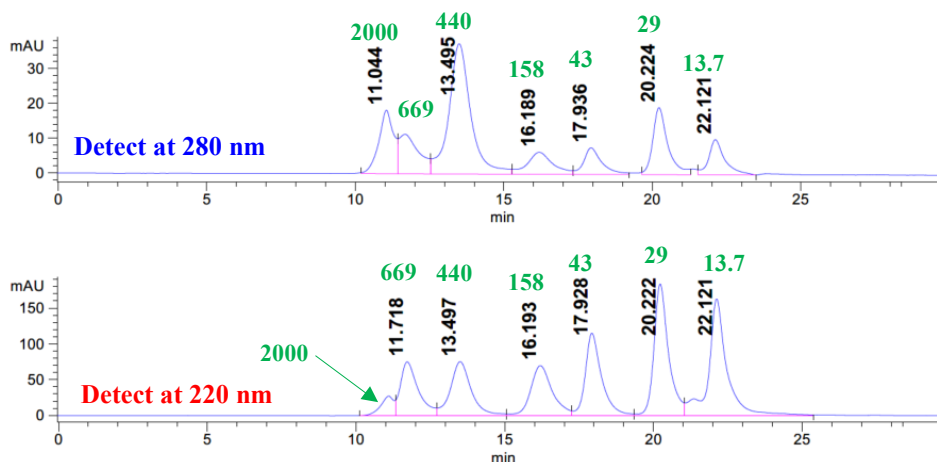
**HPLC column:** Tosoh Bioscience TSKgel G3000SW<sub>XL</sub> (7.8 mm x 30 cm)

**HPLC condition:** Isocratic PBS buffer at 0.5 mL/min. Instrument: Agilent 1100 HPLC series.

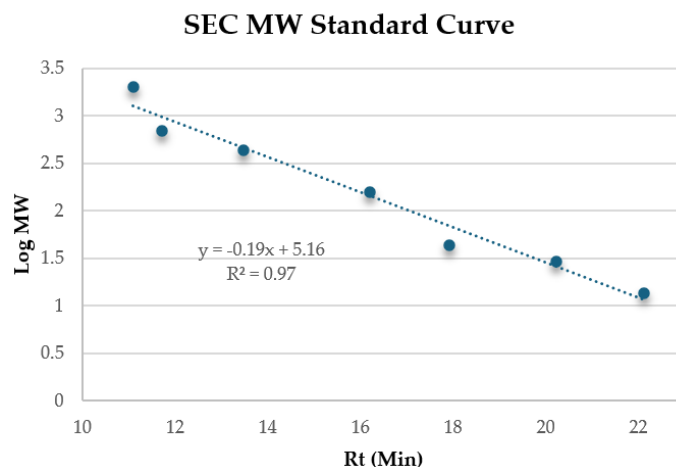
- (a) List of proteins and their retention times.

#	Name	MW (KDa)	Rt (min)
1	RNase A	13.7	22.121
2	Carbonic anhydrase	29	20.222
3	Ovalbumin (albumin chicken egg)	43	17.928
4	Aldolase (rabbit muscle)	158	16.193
5	Ferritin (equine spleen)	440	13.497
6	Thyroglobulin	669	11.718
7	Blue Dextran	2000	11.044

- (b) HPLC Profile



(c) SEC MW standard curve.



**Intended Use:** For investigational use only.

**Hazard Information:** see SDS.

**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°C for few weeks.

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

Certified by:   
Certifying Officer: Yumei Huang