

## Certificate of Analysis

**Description of the Product:**

- (a) Product Name: SEC HPLC protein standard
- (b) Appearance: Lyophilized powder
- (c) Amount: 2 tubes

**Material Code and Batch Number:**

- (a) Part Number: CM92005
- (b) Lot Number: 5531.s7.121019

**SEC HPLC Profile of the Protein Standard**

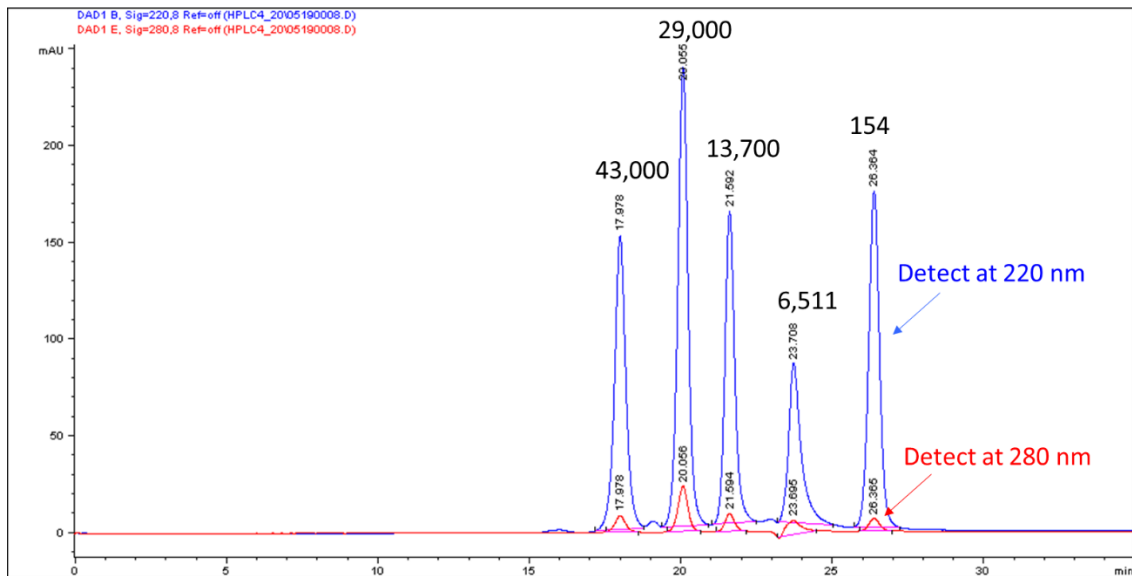
**HPLC column:** TSKgel G3000SW<sub>XL</sub> (7.8 mm x 30 cm, 5 μm, Part No. 08541)

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

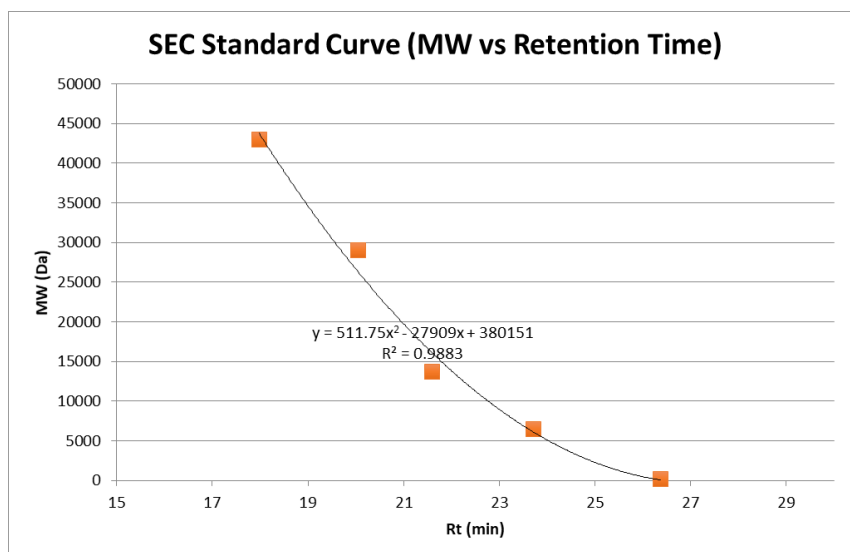
(a) List of proteins and their retention times.

#	Name	MW (KDa)	Rt (min)
1	2,5-dihydroxybenzoic acid	154	17.978
2	Aprotinin	6,511	20.055
3	RNase A	13,700	21.592
4	Carbonic anhydrase	29,000	23.708
5	Ovalbumin (albumin chicken egg)	43,000	26.364

(b) HPLC Profile



(c) SEC MW standard curve.



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

**Hazard information:** see SDS.

**Shelf life, Storage/Stability as supplied:** Recommended storage condition for the product is below  $-20^{\circ}\text{C}$ . Retest the materials 2 years from the date of packaging.

Date of Analysis: May 19, 2020

Date of retest: May 19, 2022