Figure 1

CHOP clearance at various EDTA concentrations

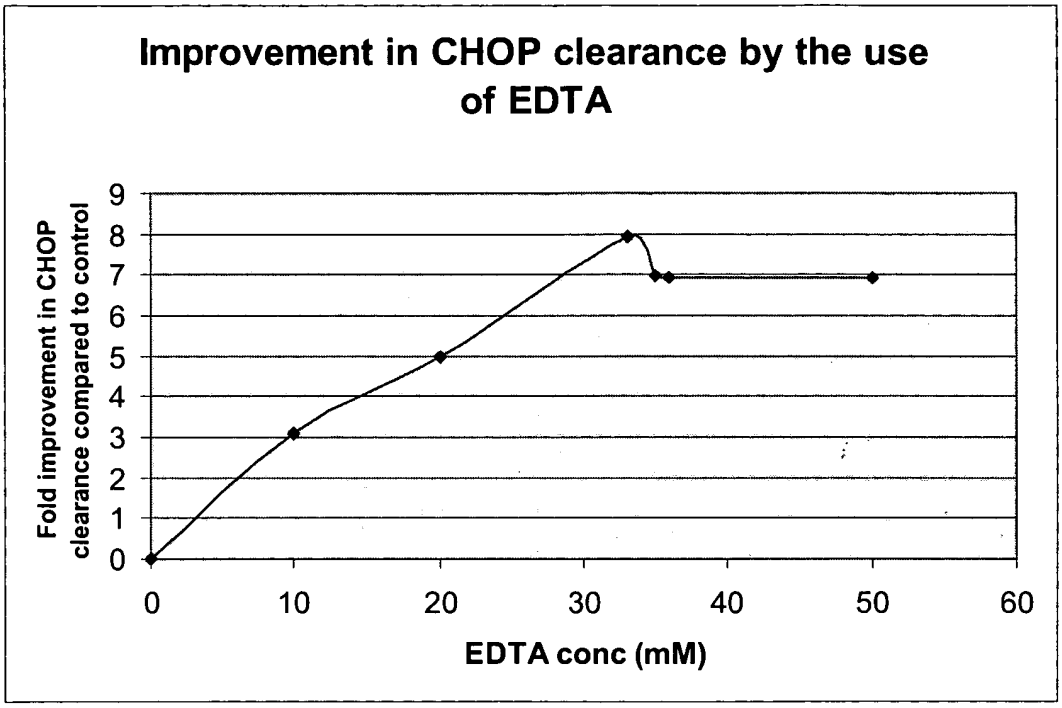
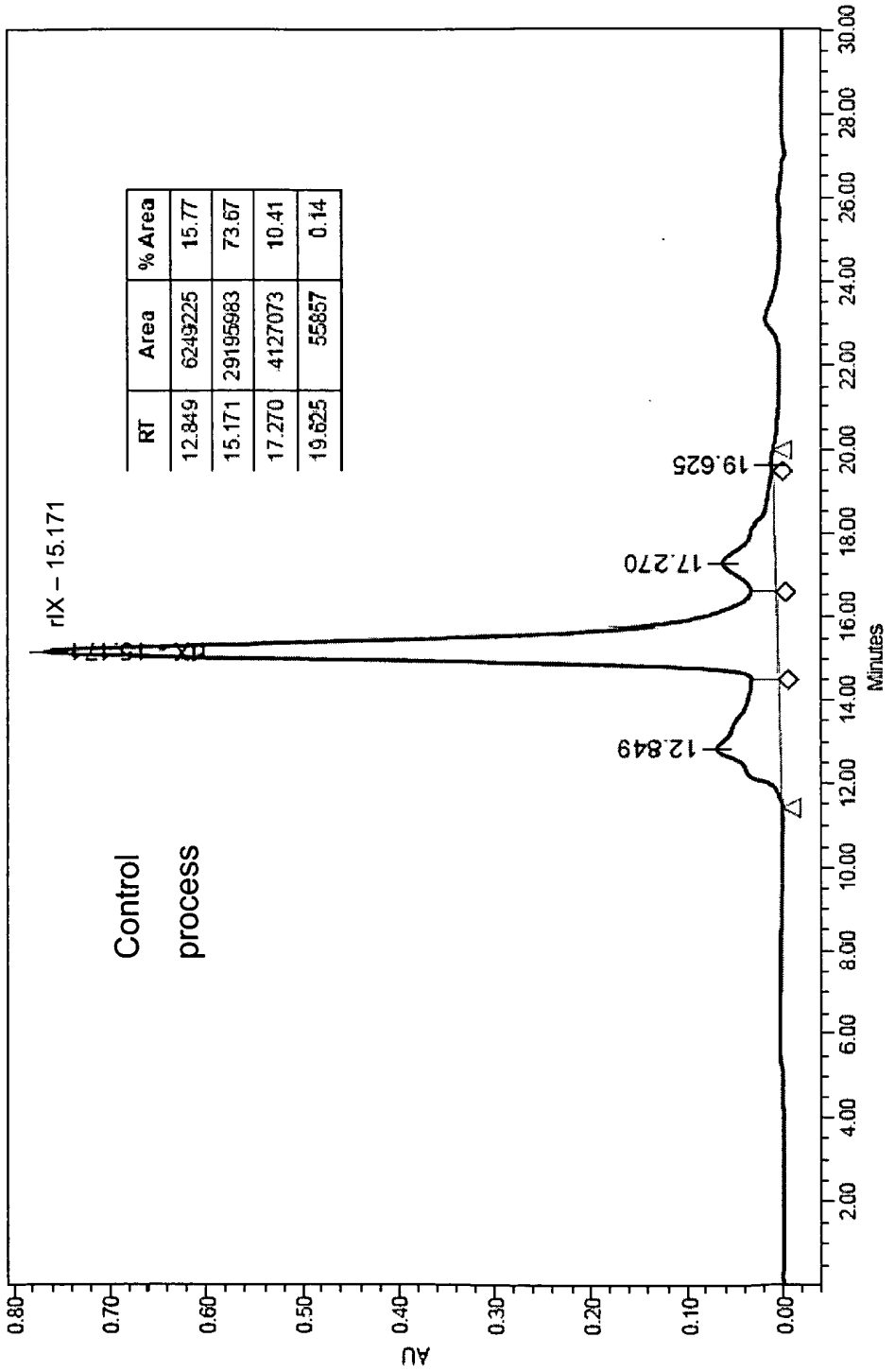


Figure 2

Analytical SEC of the eluate from the control and EDTA-containing processes.

12.849: Aggregates, 15.171: Monomeric rIX-FP, 17.270: Degraded Forms of rIX-FP
19.625: Degraded forms of rIX-FP



RT	Area	% Area
12.849	6249225	15.77
15.171	29195983	73.67
17.270	4127073	10.41
19.625	55857	0.14

Figure 2 continued

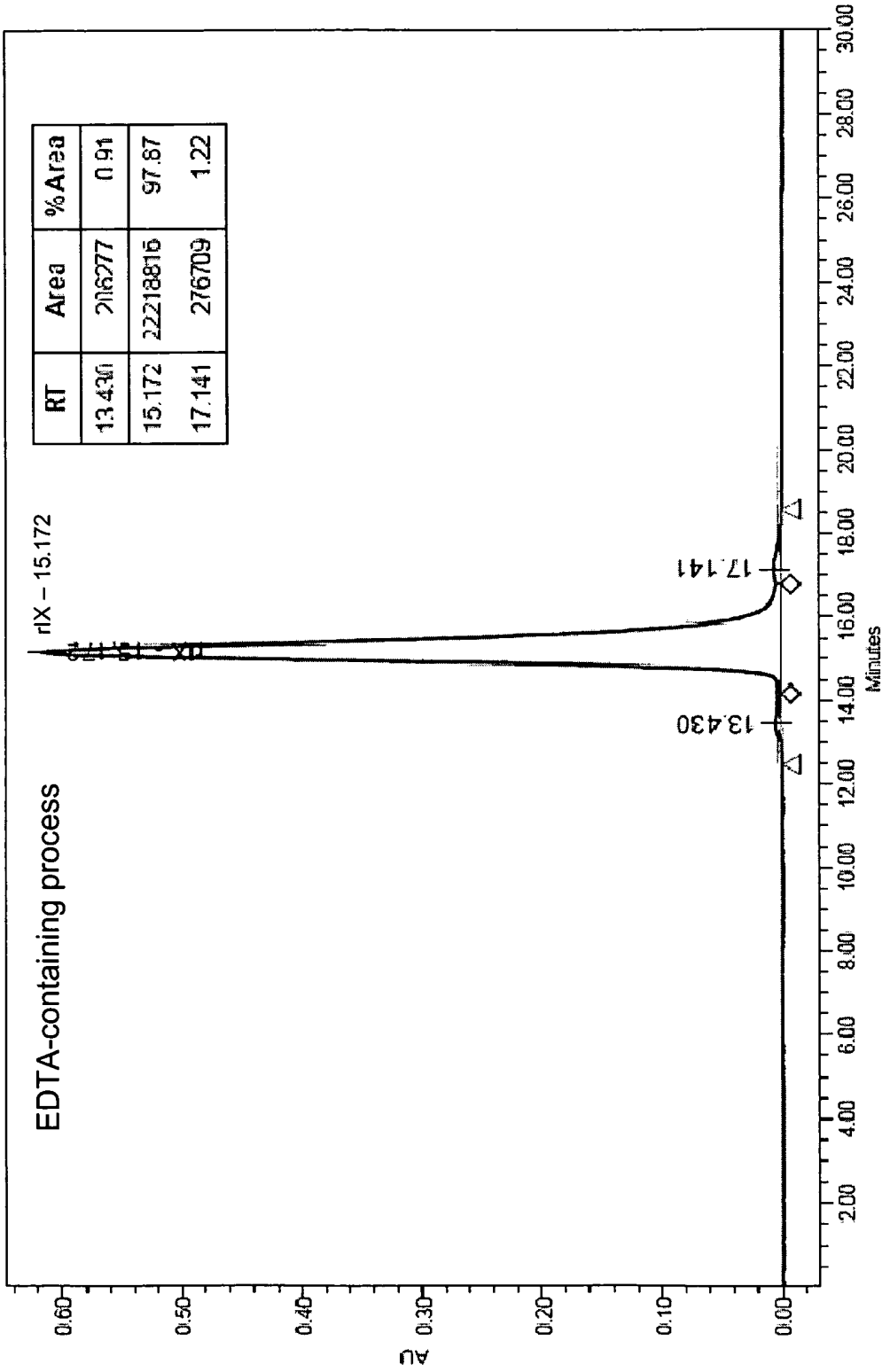


Figure 3 – Factor IX alpha level in the eluate of control and EDTA-containing processes

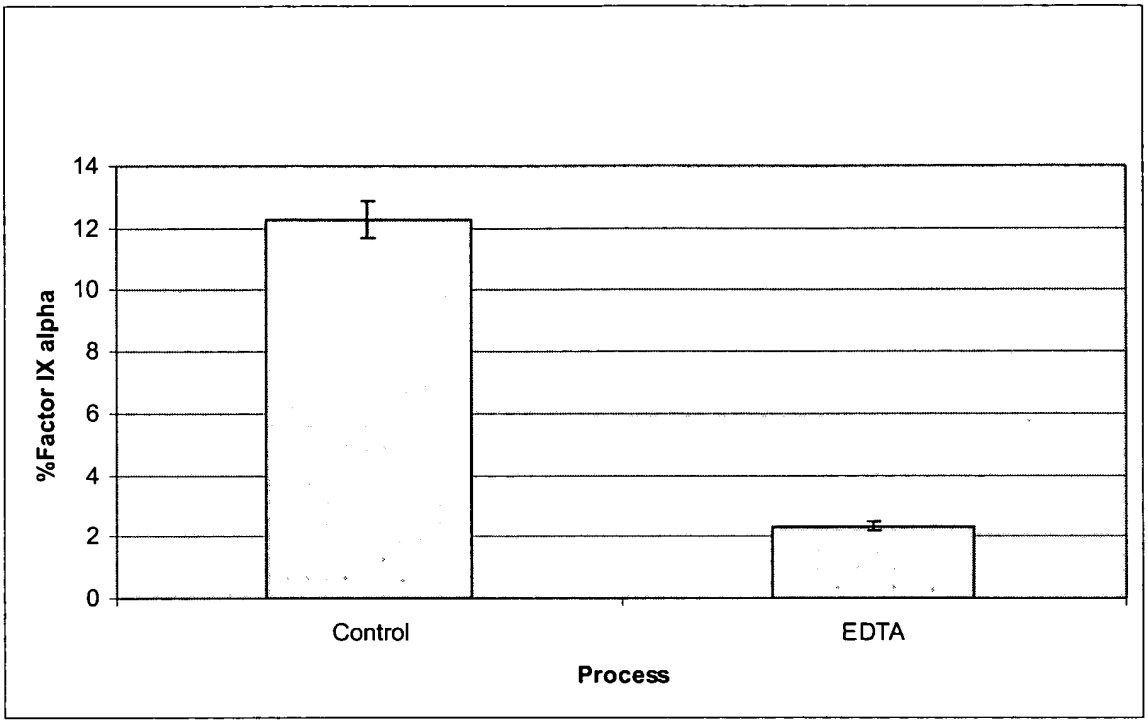


Figure 4 – CHOP clearance in large scale manufacturing

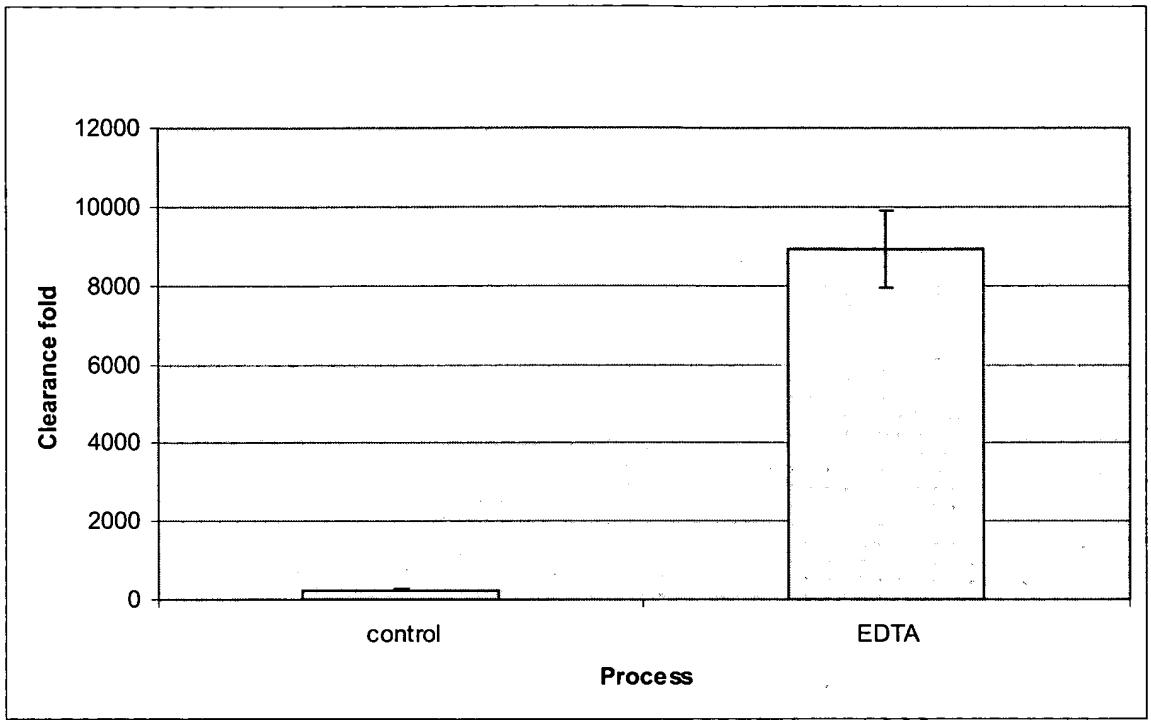


Figure 5 – CHOP reduction factor for different compounds on POROS® 50 HQ.

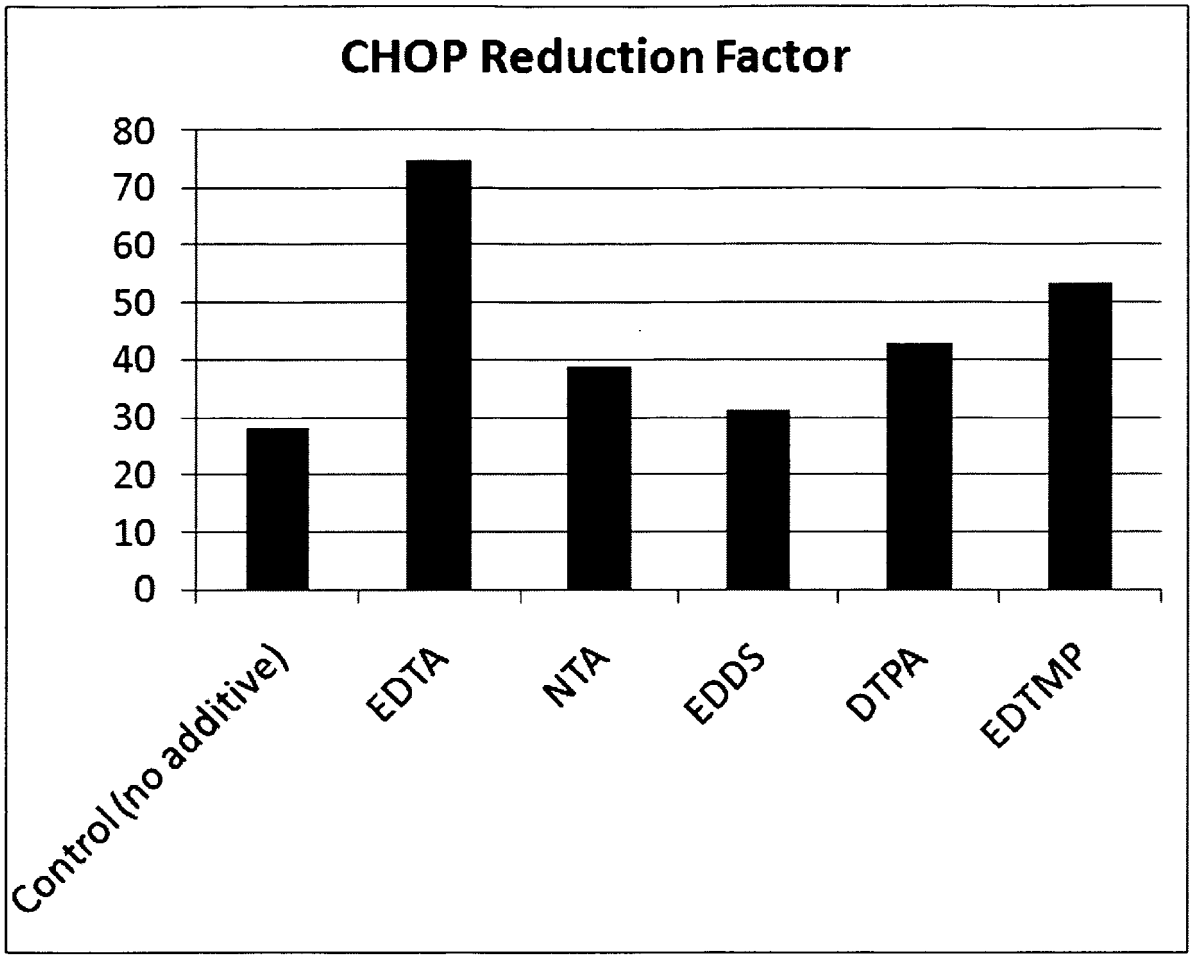


Figure 6 - CHOP reduction factor for different anion exchange matrices using EDTA.

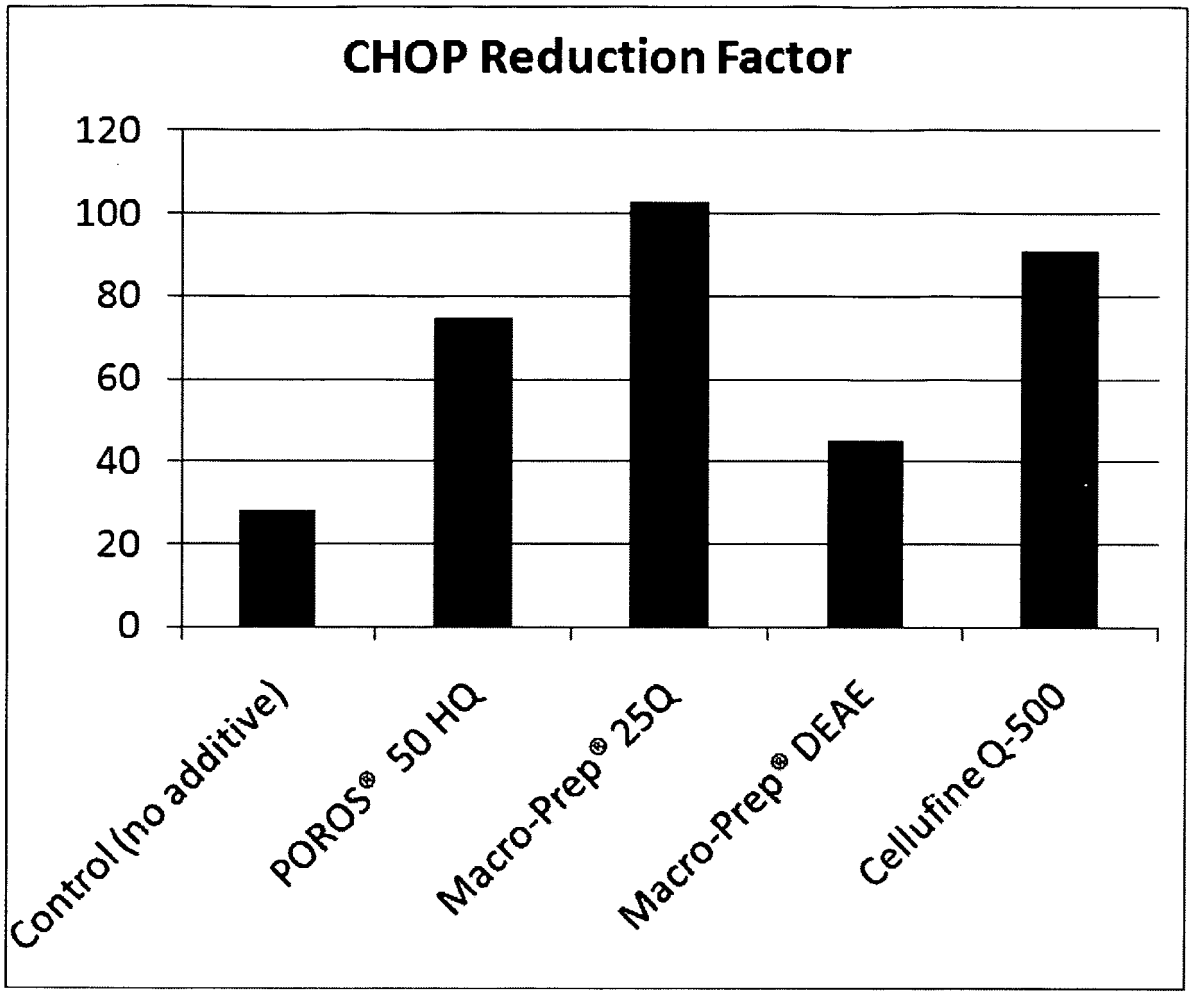


Figure 7 - CHOP reduction factor for POROS® 50 HQ and EDTA only in post-load wash buffer.

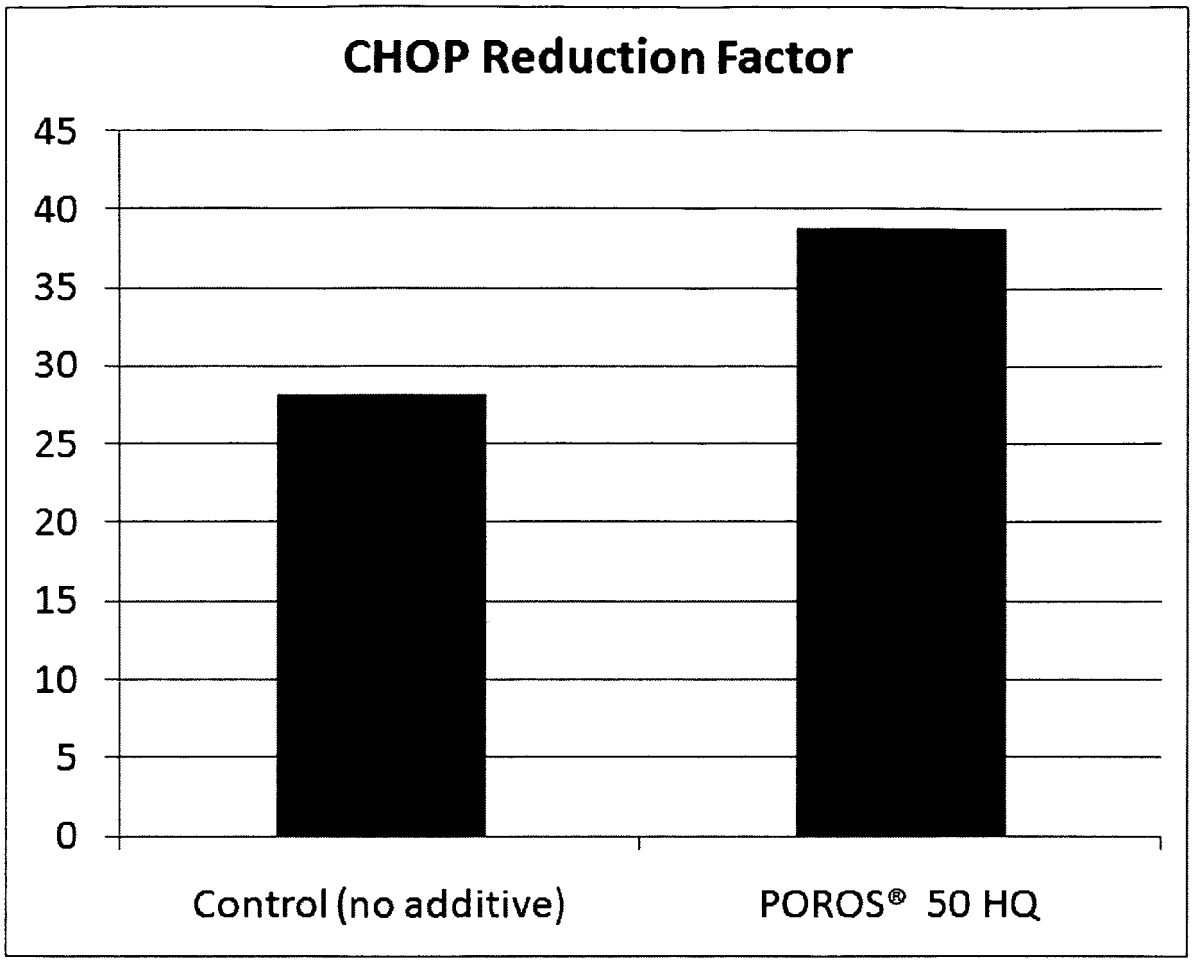


Figure 8 - CHOP reduction factor for monoclonal antibody on anion exchange matrix Fractogel®EMD TMAE (M) using EDTA.

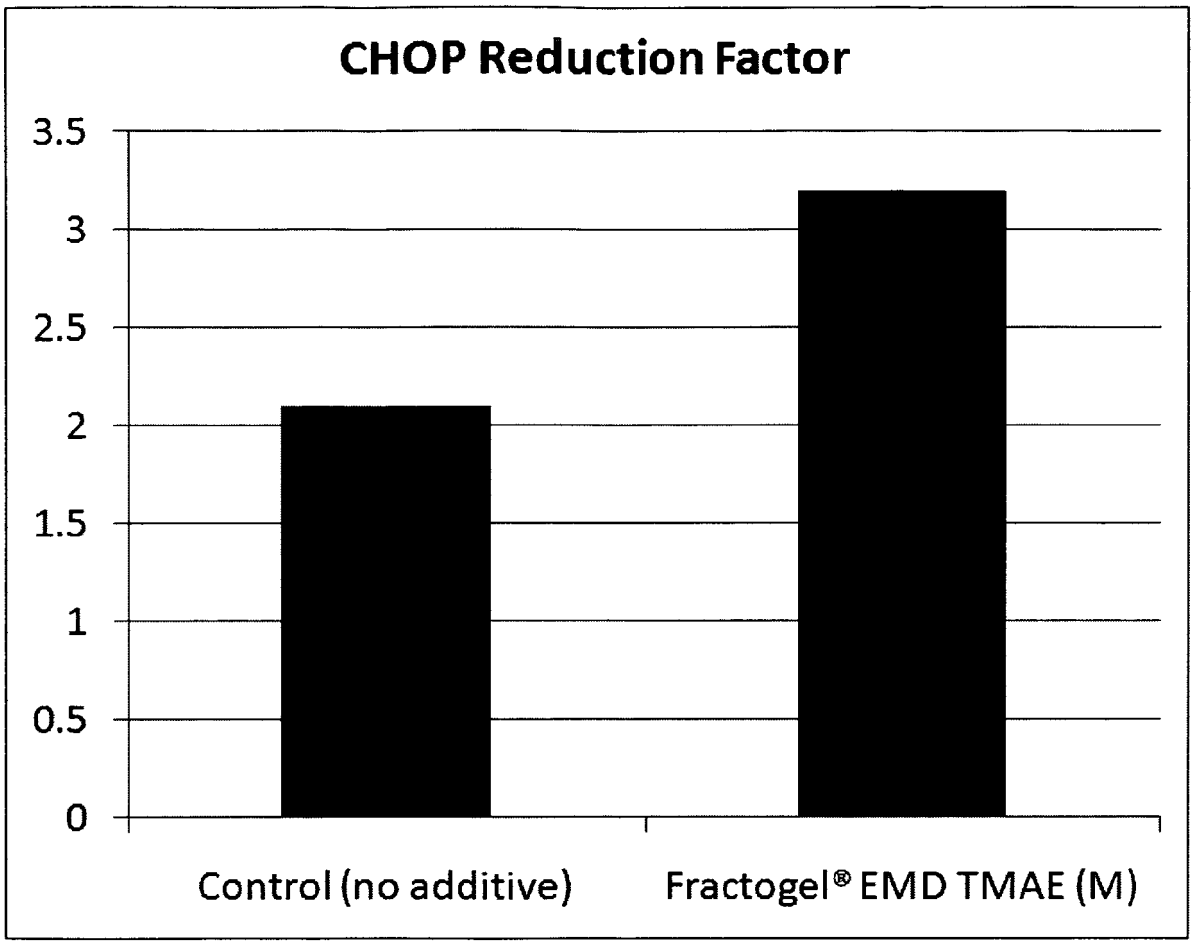


Figure 9 - CHOP reduction factor for monoclonal antibody on cation exchange matrix Fractogel® EMD SO3 (M) using DPA.

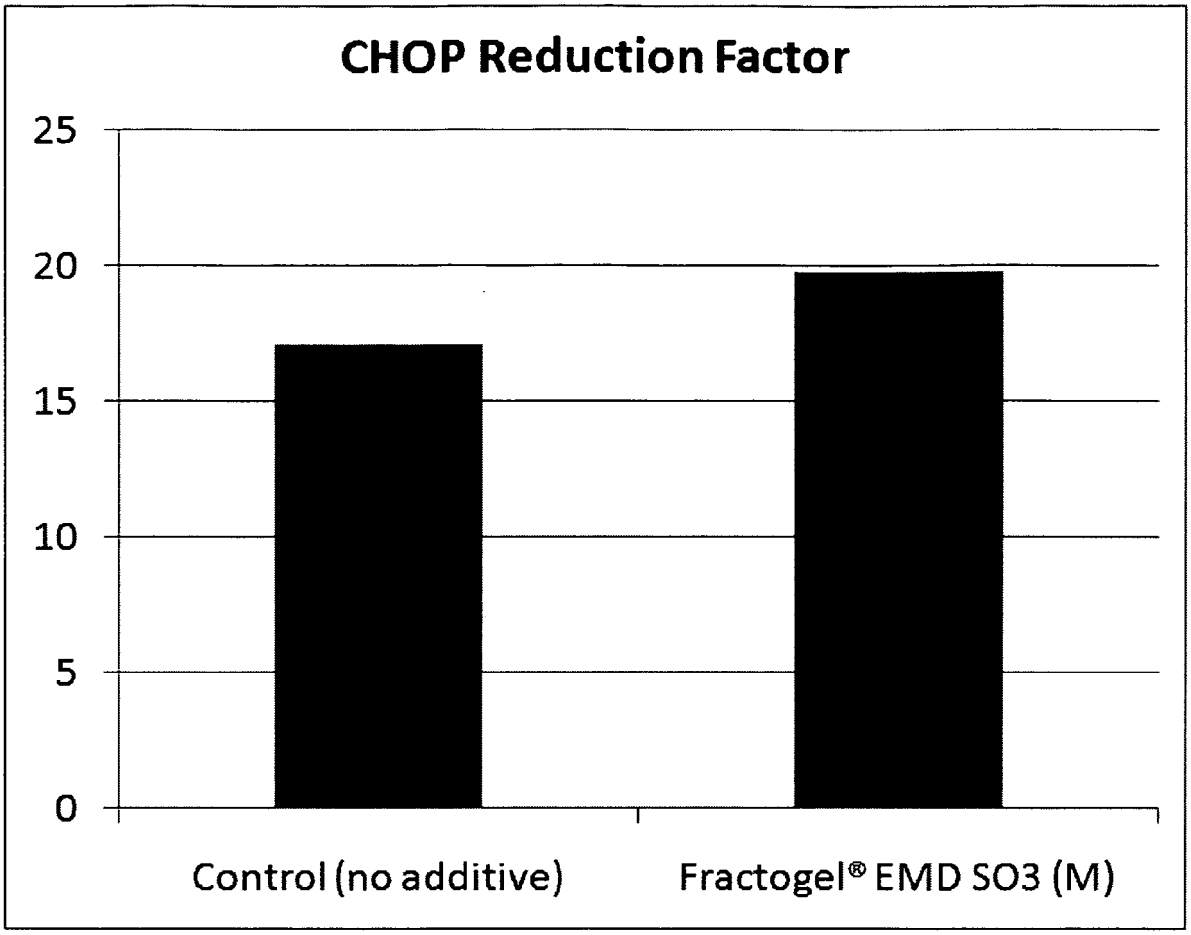


Figure 10 - CHOP reduction factors for rVIIa-FP on POROS® 50 HQ using different concentrations of EDTA versus control without EDTA addition.

