

Supplemental Table 1. Percent protein of raw skim and microfiltered skim measured by Fourier-transform infrared spectroscopy (FTIR) and calculated percent protein reduction of skim milk before microfiltration (raw skim) and after microfiltration (microfiltered) at 0.8 or 1.2 μm

% Protein			
Trial Pore Size	Raw Skim ¹	Microfiltered Skim ¹	% Reduction ²
1 1.2	3.41	3.32	2.6
2 0.8	3.30	3.24	1.8
2 1.2	3.56	3.46	2.8
3 0.8	3.49	3.36	3.7
3 1.2	3.46	3.39	2.0
4 0.8	3.51	3.52	0.0
4 1.2	3.52	3.53	0.0
Overall ³ 0.8	3.43	3.37	1.7
Overall ³ 1.2	3.49	3.43	1.7

¹Percent protein of raw and microfiltered skim milk is the mean of two technical replicates

²Percent protein reduction is calculated by taking the difference of percent protein between raw and microfiltered skim and dividing by the percent protein of raw skim

³The overall percent protein of raw and microfiltered skim milk is reported as the mean of the 3 and 4 trials for 0.8 and 1.2 μm filtration respectively