WHAT IS CLAIMED IS:

1. A co-particulated milk protein composition comprising:

at least 60 wt.% total protein on a dry weight basis, based upon the weight of the co-particulated milk protein composition;

greater than about 60 wt.% whey protein based on a weight of total true protein;

less than or about 40 wt.% casein protein based on the weight of total true protein; and

wherein at least a portion of the total protein comprises casein-whey protein complexes, and wherein the co-particulated milk protein composition exhibits a co-particulation index of greater than zero to less than or about 0.5%.

2. The co-particulated milk protein composition according to claim 1, wherein the co-particulated milk protein composition includes milk protein particles, and wherein milk protein particles having a particle size of 1 to 10 μm form less than 50 wt.% of the total true protein, and/or wherein milk protein particles having a particle size of less than 0.5 μm form greater than or about 30 wt.% of the total true protein.

3. The co-particulated milk protein composition according to claim 1, wherein the co-particulated milk protein composition includes milk protein particles, wherein milk protein particles comprise a D90 particle size distribution value of about 5 μm or less.

4. The co-particulated milk protein composition according to claim 1, wherein the co-particulated milk protein composition comprises less than or about 10 wt.% fat on a dry weight basis, based upon the weight of the co-particulated milk protein composition.

5. The co-particulated milk protein composition according to claim 1, wherein the whey protein and the casein protein are present in the co-particulated milk protein composition at a ratio of whey protein to micellar casein protein of greater than or about 60:40.

6. The co-particulated milk protein composition according to claim 1, wherein the casein-whey protein complexes comprise one or more covalent disulfide bonds.

7. A co-particulated milk protein composition comprising:

at least 60 wt.% total protein on a dry weight basis, based upon the weight of the co-particulated milk protein composition;

greater than about 60 wt.% whey protein based on a weight of total true protein;

less than or about 40 wt.% casein protein based on the weight of total true protein; and

wherein at least a portion of the total protein comprises casein-whey protein complexes and whey-whey protein complexes, and wherein the coparticulated milk protein composition comprises up to 40 wt.% casein-whey protein complexes, the co-particulated milk protein composition includes milk protein particles having a particle size of 1 to 10 μm, and wherein the milk protein particles having a particle size of 1 to 10 μm form less than 50 wt.% of the total true protein.

8. The co-particulated milk protein composition according to claim 7, wherein the co-particulated milk protein composition includes milk protein particles, wherein milk protein particles having a particle size of less than 0.5 μm form greater than or about 30 wt.% of the total true protein.

9. The co-particulated milk protein composition according to claim 7, wherein milk protein particles having a particle size of 1 to 10 μm form less than 45 wt.% of the total true protein.

10. The co-particulated milk protein composition according to claim 7, wherein milk protein particles having a particle size of 1 to 10 μm form less than 40 wt.% of the total true protein.

11. The co-particulated milk protein composition according to claim 7, wherein the co-particulated milk protein composition comprises greater than or about 7 wt.% alpha-lactalbumin on a dry weight basis, based on the weight of total true protein.

12. A fortified food and/or beverage product, comprising:

greater than or about 4 wt.% protein, based upon a weight of the food and/or beverage product;

wherein the fortified food and/or beverage product comprises a co-particulated milk protein composition according to claim 1.

13. The fortified food and/or beverage product of claim 12, wherein the fortified food and/or beverage product comprises a spoonable or drinkable yoghurt.

14. A fortified food and/or beverage product, comprising:

greater than or about 4 wt.% protein, based upon a weight of the food and/or beverage product;

wherein the fortified food and/or beverage product comprises a co-particulated milk protein composition according to claim 2.

15. The fortified food and/or beverage product of claim 14, wherein the fortified food and/or beverage product comprises a spoonable or drinkable yoghurt.

16. A method of making a co-particulated milk protein composition, the method comprising:

forming a mixture of a whey protein composition and a casein source at a ratio of greater than or about 60:40;

denaturing the mixture at a temperature of greater than or about 70 °C and a pH of less than or about 6.8, forming co-particulated milk protein particles;

reducing a particle size of the co-particulated milk protein particles in the mixture, thereby forming the co-particulated milk protein composition, and

wherein wherein at least a portion of the total protein comprises casein-whey protein complexes and whey-whey protein complexes, and wherein the coparticulated milk protein composition comprises up to 40 wt.% casein-whey protein complexes, the co-particulated milk protein composition comprises at least 60 wt.% total protein on a dry weight basis, based upon the weight of the co-particulated milk protein composition, the co-particulated milk protein particles include milk protein particles having a particle size of 1 to 10 μm, and

wherein the milk protein particles having a particle size of 1 to 10 μm form less than 50 wt.% of total true protein.

17. The method of claim 16, wherein the casein source comprises micellar casein concentrate, micellar casein isolate, ultrafiltered milk protein, microfiltered milk protein, milk protein concentrate, milk protein isolate, a caseinate, a caseinate salt, rennet casein, non-animal casein, acid casein, or a combination thereof.

18. The method of claim 16, wherein the whey protein composition comprises whey protein concentrate, whey protein isolate, native whey protein concentrate, native whey protein isolate, acid whey protein, or a combination thereof.

19. The method of claim 16, wherein denaturing comprises forming one or more covalent disulfide bonds between a casein and a whey protein.

20. A fortified food and/or beverage product formed according to the method of claim 16.