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(54) Title: NUTRITIONAL COMPOSITIONS INCLUDING CALCIUM BETA-HYDROXY-BETA-METHYLBUTYRATE, PROTEIN AND LOW LEVELS OF ELECTROLYTES

Variable	Sequestrant	pH	Cream*, % w/w	Pellet*, % w/w	Soluble Ca*, mg/kg
Sample 1	Control, low K (450 mg)	6.53	N/A	N/A	479
Sample 2	Control, high K (650 mg)	6.59	N/A	N/A	519
Sample 8	Alginate, 0.5%	6.55	N/A	N/A	544
Sample 14	Glucono-Δ-lactone, 0.16%	6.39	N/A	N/A	553
Sample 15	Glucono-Δ-lactone, 0.33%	6.19	N/A	N/A	587
Sample 16	Glucono-Δ-lactone, 0.49%	6.03	N/A	N/A	641
Sample 20	NaGluconate, 0.36%	6.53	N/A	N/A	493
Sample 5	Control, low K (450 mg)	6.6	N/A	16.5	293
Sample 10	Alginate, chelating, 0.08%	6.6	N/A	19.2	321
Sample 11	Alginate, chelating, 0.16%	6.6	N/A	20.4	335
Sample 6	Control	N/A	7.8	17.3	458
Sample 12	0.2% glycine	N/A	7.8	16.8	419
Sample 13	0.4% glycine	N/A	7.9	16.9	361

FIG. 4

(57) Abstract: Disclosed are nutritional compositions, and methods of using and making the nutritional compositions, that include calcium beta-hydroxy-beta-methylbutyrate and protein. The calcium beta-hydroxy-beta-methylbutyrate is in sequestered or ion-exchanged form to reduce the interaction of the calcium with the protein in the nutritional composition and improve the overall stability of the nutritional composition.

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