



minimum requirement of the United States Recommended Dietary Allowance ( US-RDA ), however amounts of many micronutrients in the blenderized diets did not meet the requirements. Only vitamin A and B2 in the instant diets were too low, otherwise most micronutrients fulfilled the requirements. pH of both blenderized and instant diets were in the range of 5.96-7.32. Viscosities of the blenderized diets ranged from 29 to 68 cps; the values highly correlated to flow rates of the diets (  $r = 0.864$  ). Osmolalities of the blenderized diets ranged from 356 to 513 mOsm/kg H<sub>2</sub>O and the Ramathibodi's and Siriraj's were 614 and 608 mOsm/kg H<sub>2</sub>O, respectively. Munsell color qualities of the blenderized diets were 10 y for Hue, 8.0-8.5 for value and 4 for chroma, while Ramathibodi's and Siriraj's were 2.5y, 10yr for Hue, 6.0, 9.0 for value and 2,4 for chroma, respectively. Microbial and physico-chemical qualities of the blenderized diets did not change after having been stored at 4<sup>0</sup>c for 24h. Sensory scores for odor, color and overall acceptabilities of the blenderized diets on 15 cm line scale ranged from 4.79-9.24, 8.61-11.16, and 5.73-9.93, respectively, while the scores for the Ramathibodi diet was 4.46, 3.90 and 3.49. Viscosity of the instant diets ranged from 7.52-12.05 cps and osmolalities ranged from 318-344 mOsm/kgH<sub>2</sub>O; the minimum value, of both sets were slightly higher than the commercial Isocal<sup>TM</sup>'s. Hunter Lab color qualities of the

dried and liquid instant diets were not much different and ranged from 64.5-72.5 for L, -3.39-+0.40 for a and 7.44-16.69 for b. Solubility indices of the dried instant diets ranged from 3.5-5.0 while the commercial Isocal<sup>TM</sup>'s was only 0.25. Sensory scores for color and overall acceptabilities of the instant diets on the 15 cm. line scale were in the range of 7.22-11.61, 7.07-10.15 and 8.01-11.67, respectively, while the commercial Isocal<sup>TM</sup> 's was rated 4.16, 11.38 and 7.09. Shelflife of the instant diet packed under vacuum was at least 6 months.