MARMOSET MILK REPLACER [1,2]

TYPICAL ANALYSIS (Powder)

Protein	20%
Fat	26%
Carbohydrate	46%
Ash	5%
Moisture	3%
Energy (ME)	21 MJ/kg

INGREDIENTS: Whole milk solids, whey protein, casein, glucose, vegetable oils, omega-3 and omega-6 fatty acids, stabilised vitamin C, taurine, vitamins and minerals.

PACK SIZE: 2kg, 5kg & 10kg Net.

DIRECTIONS FOR USE: To make 1 litre of milk mix 140g of powder with 925ml of preboiled warm water. Add about half of the water first, mix to a paste then make up to 1 litre with remaining water and mix thoroughly. An electric whisk can be used for mixing.

Feed **Impact Colostrum Supplement** to new-borns that did not receive maternal colostrum.

TYPICAL COMPOSITION PER LITRE OF PREPARED MILK

Protein	29g	Vitamin E	11mg	Folic Acid	0.7mg	Magnesium	60mg
Fat	37g	Vitamin K	0.8mg	Vitamin B_{12}	14µg	Zinc	3.8mg
- Omega 3	1.4g	Vitamin C	200mg	Biotin	60µg	Iron	3.2mg
- Omega 6	2.8g	Thiamine	5.3mg	Choline	120mg	Manganese	2.3mg
Carbohydrate	64g	Riboflavin	1.4mg	Calcium	1.4g	Copper	0.6mg
Energy (ME)	2.9MJ	Niacin	21mg	Phosphorus	1.1g	Iodine	70µg
Vitamin A	280µg	Pantothenic Acid	7.9mg	Potassium	1500mg	Selenium	19µg
Vitamin D_3	2.7µg	Pyridoxine	1.8mg	Sodium	500mg	Taurine	600mg

FEED VOLUME

Estimates of feed volume are based on the animal being maintained in a thermo-neutral environment with milk as the only source of food. Energy required per day in kJ for an animal of body weight W kg is given by the equation for Primates[3], with an energetic scaling factor of 2.1 :

$$2.1 \times 235W^{0.755}$$

Body Weight (g)	Feed Volume (mL/day)	Body Weight (g)	Feed Volume (mL/day)	Body Weight (g)	Feed Volume (mL/day)
15	7	70	23	130	37
20	9	80	25	140	39
30	12	90	28	150	41
40	15	100	30	160	43
50	18	110	32	170	45
60	20	120	35	180	47

REFERENCES

1. Power, M. L., Oftedal, O. T., & Tardif, S. D. (2002). Does the milk of callitrichid monkeys differ from that of larger anthropoids? *American Journal of Primatology: Official Journal of the American Society of Primatologists*, *56*(2), 117-127.
2. Power, M. L., Verona, C. E., Ruiz-Miranda, C., & Oftedal, O. T. (2008). The composition of milk from free-living common marmosets (Callithrix jacchus) in Brazil. *American Journal of Primatology: Official Journal of the American Society of Primatologists*, *70*(1), 78-83.
3. Hayssen V & RC Lacey (1985). Basal Metabolic Rates in Mammals. *Comp. Biochem. Physiol*. Vol 81A, No.4:741-754.