

WOMBAROO

PRIMATE MILK REPLACER ^{1,2}

Suitable for Monkeys, Gibbons, Baboons, Macaques, Orang-utan, Chimpanzee, and Gorilla.

TYPICAL ANALYSIS (Powder)

| | |
|--------------|----------|
| Protein | 12% |
| Fat | 29% |
| Carbohydrate | 51% |
| 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: 5kg, 10kg & 20kg Net.

DIRECTIONS FOR USE: To make 1 litre of milk mix 125g of powder with 950ml 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 | 17g | Vitamin E | 10mg | Folic Acid | 0.6mg | Magnesium | 55mg |
| Fat | 38g | Vitamin K | 0.7mg | Vitamin B ₁₂ | 13µg | Zinc | 3.4mg |
| - Omega 3 | 1.4g | Vitamin C | 200mg | Biotin | 55µg | Iron | 3.6mg |
| - Omega 6 | 2.8g | Thiamine | 4.7mg | Choline | 110mg | Manganese | 2.0mg |
| Carbohydrate | 62g | Riboflavin | 1.3mg | Calcium | 1.1g | Copper | 0.5mg |
| Energy (ME) | 2.7MJ | Niacin | 19mg | Phosphorus | 0.9g | Iodine | 70µg |
| Vitamin A | 300µg | Pantothenic Acid | 7.0mg | Potassium | 1200mg | Selenium | 17µg |
| Vitamin D ₃ | 3.1µg | Pyridoxine | 1.6mg | Sodium | 400mg | Taurine | 500mg |

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 Primates³, with an energetic scaling factor of 2.8 :

$$2.8 \times 235W^{0.755}$$

| Body Weight (kg) | Feed Volume (mL/day) | Body Weight (kg) | Feed Volume (mL/day) | Body Weight (kg) | Feed Volume (mL/day) |
|------------------|----------------------|------------------|----------------------|------------------|----------------------|
| 0.1 | 45 | 2 | 410 | 14 | 1800 |
| 0.2 | 75 | 4 | 700 | 16 | 2000 |
| 0.4 | 125 | 6 | 950 | 18 | 2150 |
| 0.6 | 170 | 8 | 1200 | 20 | 2350 |
| 0.8 | 210 | 10 | 1400 | 22 | 2500 |
| 1.0 | 250 | 12 | 1600 | 24 | 2700 |

REFERENCES

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- Tilden, C. D., & Oftedal, O. T. (1997). Milk composition reflects pattern of material care in prosimian primates. *American Journal of Primatology*, 41(3), 195-211.
- Hayssen V & RC Lacey (1985). Basal Metabolic Rates in Mammals. *Comp. Biochem. Physiol.* Vol 81A, No.4:741-754.