



Diet SF09-103

12.5% Fat High Energy Guinea Pig

Modified High energy guinea pig diet.

- Fat content has been increased from 6.5% to 12.5% by the inclusion of cocoa butter.
- See High Energy Guinea Pig data sheet for more detail.

Calculated Nutritional Parameters

Protein	18.70%
Total Fat	12.50%
Crude Fibre	8.40%
Neutral Detergent Fibre	17.00%
Acid Detergent Fibre	11.20%
Digestible Energy	14.9 MJ / Kg
Calcium	1.10%
Phosphorous	0.80%

Diet Form and Features

- The diet is manufactured as a 4 mm diameter pellet, 4 - 10 mm long.
- Pack size 4.5 Kg, vacuum packed under nitrogen in oxygen impermeable plastic bags. Bags are packed into cardboard cartons to protect them during transit.
- Diet suitable for irradiation, also suitable for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

Ingredients

A Fixed formula ration using the following ingredients:

Wheat, Lupins, Soya bean meal, Canola meal, Oaten hay, Oat hulls Lucerne, Salt, Dicalcium phosphate, Canola oil, Fish oil, Molasses, Lysine, DL Methionine, Cocoa butter, Vitamin C (in protected form) and a Vitamin and trace mineral premix.

Added Vitamins

Vitamin A (Retinol)	20 000 IU/Kg
Vitamin D (Cholecalciferol)	1 000 IU/Kg
Vitamin E (a Tocopherol acetate)	20 mg/Kg
Vitamin K (Menadione)	1 mg/Kg
Vitamin C (Ascorbic acid)	665 mg/Kg
Vitamin B1 (Thiamine)	2 mg/Kg
Vitamin B2 (Riboflavin)	2.5 mg/Kg
Niacin (Nicotinic acid)	15 mg/Kg
Vitamin B6 (Pryridoxine)	2 mg/Kg
Calcium Pantothenate	20 mg/Kg
Biotin	200 ug/Kg
Folic Acid	3 mg/Kg
Vitamin B12 (Cyanocobalamin)	10 ug/Kg
Choline	900 mg/Kg

Feeding Recommendations

Feed ad-lib to animals of all ages.

Added Trace Minerals	
Magnesium	150 mg/Kg
Iron	30 mg/Kg
Copper	10 mg/Kg
Iodine	1.2 mg/Kg
Manganese	67 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	50 mg/Kg
Selenium	0.1 mg/Kg

Calculated Amino Acids	
Valine	0.80%
Leucine	1.40%
Isoleucine	0.80%
Threonine	0.70%
Methionine	0.30%
Cystine	0.30%
Lysine	1.00%
Phenylalanine	0.80%
Tyrosine	0.80%
Tryptophan	0.20%

Calculated Total Vitamins	
Vitamin A (Retinol)	35 200 IU/Kg
Vitamin D (Cholecalciferol)	1 000 IU/Kg
Vitamin E (a Tocopherol acetate)	37 mg/Kg
Vitamin K (Menadione)	1.8 mg/Kg
Vitamin C (Ascorbic acid)	665 mg/Kg
Vitamin B1 (Thiamine)	4.6 mg/Kg
Vitamin B2 (Riboflavin)	4.3 mg/Kg
Niacin (Nicotinic acid)	48 mg/Kg
Vitamin B6 (Pryridoxine)	4.4 mg/Kg
Pantothenic Acid	31 mg/Kg
Biotin	330 ug/Kg
Folic Acid	3.5 mg/Kg
Inositol	None added
Vitamin B12 (Cyancobalamin)	10 ug/Kg
Choline	2 870 mg/Kg

Calculated Total Minerals	
Calcium	1.10%
Phosphorous	0.80%
Magnesium	0.20%
Sodium	0.10%
Potassium	1.00%
Sulphur	0.20%
Iron	210 mg/Kg
Copper	20 mg/Kg
Iodine	1.2 mg/Kg
Manganese	106 mg/Kg
Cobalt	0.8 mg/Kg
Zinc	81 mg/Kg
Molybdenum	1.2 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	0.03 mg/Kg
Chromium	No data
Boron	4.0 mg/Kg

Calculated Fatty Acid Composition	
Saturated Fats C12:0 and Less	0.03%
Myristic Acid 14:0	0.07%
Palmitic Acid 16:0	2.06%
Stearic Acid 18:0	2.34%
Arachidic Acid 20:	0.08%
Behenic Acid	0.06%
Palmitoleic Acid 16:1	0.08%
Oleic Acid 18:1	4.77%
Gadoleic Acid 20:1	0.07%
Linoleic Acid 18:2 n6	1.65%
a Linolenic Acid 18:3 n3	0.52%
Arachadonic Acid 20:4 n6	0.01%
EPA 20:5 n3	0.20%
DHA 22:6 n3	0.15%
Total n3	0.90%
Total n6	1.66%
Cholesterol	No data

Calculated data uses information from typical raw material composition. It could be expected that individual batches of diet will vary from this figure. **Diet post treatment by irradiation or auto clave could change these parameters.** We are happy to provide full calculated nutritional information for all of our products, however we would like to emphasise that these diets have been specifically designed for manufacture by Specialty Feeds. **This Feed Stuff Does Not Contain Restricted Animal Products.**