



Diet SF00-221

Guinea Pig and Rabbit Plus 1% Cholesterol

A fixed formulation diet based on our Guinea Pig and Rabbit pellets with 1% cholesterol added for use in artherogenic model systems.

- This diet has been used by several research groups including heart disease in several rabbit strains.
- If Diet is to be autoclaved, the recommended conditions are. Autoclave at 120° C for 20 minutes with a post autoclaving vacuum drying cycle. Some clumping of the diet can be expected, but the diet clumps can usually be easily broken. Modifying the drying time to leave some residual moisture in the diet can minimise the clumping. Do not autoclave at 135° C as this will result in significant clumping that will be difficult to break. It must be remembered that cholesterol is likely to be degraded by autoclaving.

Calculated Nutritional Parameters

Protein	18.00%
Total Fat	4.00%
Crude Fibre	13.00%
AD Fibre	13.00%
Digestible Energy	11 MJ / Kg

Ingredients

A fixed formula ration using the following ingredients.

Barley, Lupins, Oaten Hay, Oat hulls, Lucerne, Soya meal, Canola meal, DL Methionine, Magnesium oxide, Dicalcium phosphate, Salt, Mixed vegetable oils, USP Cholesterol and a Vitamin and mineral premix.

Feeding Recommendations

Feed ad-lib to animals of all ages. Guinea pigs have a requirement for Vitamin C, not met by this diet, supplementation with adequate Vitamin C must be made.

Diet Form and Features

- Cereal grain base diet. 4 mm diameter pellets.
- Pack size 4.5 Kg , vacuum packed in oxygen impermeable plastic bags, under nitrogen. Bags are packed into cardboard cartons to protect them during transit. Smaller pack quantity on request.
- Diet suitable for irradiation and for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

Added Trace Minerals

Iron	30 mg/Kg
Copper	10 mg/Kg
Iodine	1.5 mg/Kg
Manganese	70 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	50 mg/Kg
Selenium	0.1 mg/Kg

Added Vitamins	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin K (Menadione)	1 mg/Kg
Vitamin E (a Tocopherol acetate)	20 mg/Kg
Vitamin B1 (Thiamine)	4 mg/Kg
Vitamin B2 (Riboflavin)	2.5 mg/Kg
Niacin (Nicotinic acid)	15 mg/Kg
Vitamin B6 (Pyridoxine)	2 mg/Kg
Calcium Pantothenate	8 mg/Kg
Vitamin B12 (Cyanocobalamin)	5 ug/Kg

Calculated Amino Acids	
Valine	0.80%
Leucine	1.20%
Isoleucine	0.70%
Threonine	0.60%
Methionine	0.20%
Cystine	0.20%
Lysine	0.76%
Phenylalanine	0.80%
Tyrosine	0.50%
Tryptophan	0.20%

Calculated Total Minerals	
Calcium	1.10%
Phosphorous	0.70%
Magnesium	0.30%
Sodium	0.20%
Potassium	1.10%
Sulphur	0.20%
Iron	356 mg/Kg
Copper	23 mg/Kg
Iodine	1.8 mg/Kg
Manganese	126 mg/Kg
Cobalt	0.7 mg/Kg
Zinc	95 mg/Kg
Molybdenum	1.0 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	0.008 mg/Kg
Chromium	No data
Boron	3.4 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	48 640 IU/Kg
Vitamin D (Cholecalciferol)	No data
Vitamin E (a Tocopherol acetate)	60 mg/Kg
Vitamin K (Menadione)	3.3 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	5.6 mg/Kg
Vitamin B2 (Riboflavin)	6.6 mg/Kg
Niacin (Nicotinic acid)	56 mg/Kg
Vitamin B6 (Pyridoxine)	5.7 mg/Kg
Pantothenic Acid	19 mg/Kg
Biotin	141 ug/Kg
Folic Acid	0.6 mg/Kg
Inositol	No data
Vitamin B12 (Cyanocobalamin)	7.3 ug/Kg
Choline	2 270 mg/Kg

Calculated Fatty Acid Composition	
Myristic Acid 14:0	Trace
Palmitic Acid 16:0	0.30%
Stearic Acid 18:0	0.15%
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	1.40%
Gadoleic Acid 20:1	Trace
Linoleic Acid 18:2 n6	0.80%
a Linolenic Acid 18:3 n3	0.20%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	No data
DHA 22:6 n3	No data
Total n3	0.35%
Total n6	0.41%
Total Mono Unsaturated Fats	1.44%
Total Polyunsaturated Fats	0.98%
Total Saturated Fats	1.00%
Cholesterol	1.00%

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.