



## Diet NIH-07

### NIH-07 Open Formulation Rat and Mouse Diet 23.6% Protein

A rat and mouse diet based on the open formulae NIH-07. Some modifications have been made to the original formulation to suit locally available raw materials.

Calculated Nutritional Parameters	
Protein	23.60%
Total Fat	5.60%
Crude Fibre	3.70%
AD Fibre	4.90%
Digestible Energy	14 MJ / Kg
Calcium	1.05%
Phosphorous	0.93%

Diet Form and Features
<ul style="list-style-type: none"> <li>• Cereal grain base diet. 12 mm diameter pellets.</li> <li>• Pack size 5 Kg, vacuum packed under nitrogen in oxygen impermeable plastic bags. Bags are packed into cardboard cartons to protect them during transit. Smaller pack quantity on request.</li> <li>• Diet suitable for irradiation, also suitable for autoclave.</li> <li>• Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.</li> </ul>

Ingredients	
Lucerne Meal	40 g/Kg
Maize	243 g/Kg
Wheat Flour (12% Protein)	224 g/Kg
Mill Mix (Bran and Pollard)	100 g/Kg
Dicalcium Phosphate	12.5 g/Kg
Calcium Carbonate	5.0 g/Kg
Sodium Chloride	5.0 g/Kg
Fish Meal (65% Protein)	100 g/Kg
Soybean Meal (48% Protein)	120 g/Kg
Skin Milk Powder	50 g/Kg
Torula Yeast	20 g/Kg
Soy Oil	25 g/Kg
Mollases (Liquid)	19 g/Kg
Maize Gluten Meal (60% Protein)	30 g/Kg
Choline Chloride (65%)	1 g/Kg
NIH-07 Premix	5 g/Kg

Added Trace Minerals (in NIH-07 Px)	
Iron	120 mg/Kg
Copper	4 mg/Kg
Iodine	1.4 mg/Kg
Manganese	60 mg/Kg
Zinc	16 mg/Kg

Added Vitamins (in NIH-07 Px)	
Vitamin A (Retinol)	5 500 IU/Kg
Vitamin D (Cholecalciferol)	4 600 IU/Kg
Vitamin E (a Tocopherol acetate)	20 mg/Kg
Vitamin K (Menadione)	2.8 mg/Kg
Vitamin B1 (Thiamine)	10 mg/Kg
Vitamin B2 (Riboflavin)	3.4 mg/Kg
Niacin (Nicotinic acid)	30 mg/Kg
Vitamin B6 (Pryridoxine)	7 mg/Kg
Calcium Pantothenate	18 mg/Kg
Biotin	140 ug/Kg
Folic Acid	2.2 mg/Kg
Vitamin B12 (Cyancobalamin)	45.4 ug/Kg

Calculated Amino Acids	
Valine	1.10%
Leucine	2.00%
Isoleucine	0.90%
Threonine	0.90%
Methionine	0.50%
Cystine	0.30%
Lysine	1.30%
Phenylalanine	1.10%
Tyrosine	0.80%
Tryptophan	0.30%
Histidine	0.63%

Calculated Total Minerals	
Calcium	1.05%
Phosphorous	0.93%
Magnesium	0.25%
Sodium	0.36%
Chloride	0.37%
Potassium	0.90%
Sulphur	0.20%
Iron	248 mg/Kg
Copper	14 mg/Kg
Iodine	1.4 mg/Kg
Manganese	100 mg/Kg
Cobalt	0.6 mg/Kg
Zinc	66 mg/Kg
Molybdenum	No data
Selenium	0.4 mg/Kg
Cadmium	0.01 mg/Kg
Chromium	No data
Fluoride	No data
Lithium	No data
Boron	0.1 mg/Kg
Nickel	No data
Vanadium	No data

Calculated Total Vitamins		Calculated Fatty Acid Composition	
Vitamin A (Retinol)	14 000 IU/Kg	Myristic Acid 14:0	0.10%
Vitamin D (Cholecalciferol)	4 600 IU/Kg	Palmitic Acid 16:0	0.80%
Vitamin E (a Tocopherol acetate)	38 mg/Kg	Stearic Acid 18:0	0.20%
Vitamin K (Menadione)	3 mg/Kg	Palmitoleic Acid 16:1	Trace
Vitamin C (Ascorbic acid)	None added	Oleic Acid 18:1	1.10%
Vitamin B1 (Thiamine)	14 mg/Kg	Gadoleic Acid 20:1	Trace
Vitamin B2 (Riboflavin)	8 mg/Kg	Linoleic Acid 18:2 n6	2.30%
Niacin (Nicotinic acid)	90 mg/Kg	a Linolenic Acid 18:3 n3	0.20%
Vitamin B6 (Pryridoxine)	11 mg/Kg	Arachadonic Acid 20:4 n6	Trace
Pantothenic Acid	33 mg/Kg	EPA 20:5 n3	0.10%
Biotin	264 ug/Kg	DHA 22:6 n3	0.30%
Folic Acid	2.8 mg/Kg	Total n3	0.63%
Inositol	None added	Total n6	2.28%
Vitamin B12 (Cyancobalamin)	45 ug/Kg	Total Carotenoid	No data
Choline	1700 mg/Kg	Total Phospholipid	Trace
		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.