

Rat and Mouse No.3 Breeding

Expanded, Expanded Short and Expanded Ground

SUITABLE SPECIES AND APPLICATIONS

Rats and mice for breeding, lactation, and growth of young stock.

BENEFITS

- High nutrient levels promote excellent breeding performances and fast growth rates in young stock.
- Expanded diets have improved palatability, suffer less wastage and are microbiologically cleaner due to the high processing temperature.

FEEDING GUIDE

Ad-lib feeding is recommended.

AVAILABLE AS

Diet	Form	Product Code
Standard		
RM3 (E)	Expanded	801066
RM3 (E) DU	Expanded Short	801080
RM3 (E) FG	Expanded Ground	801067
SQC		
RM3 (E) SQC	Expanded	811181
RM3 (E) FG SQC	Expanded Ground	811182

- All diets are available irradiated and are available in a range of packaging.
- All Standard diets are available with full analysis on request.

INGREDIENTS

Wheat, Wheatfeed, De-hulled Extracted Toasted Soya, Barley, Fish Meal, Whey Powder, Macro Minerals, Yeast, Soya Oil, Vitamins, Micro Minerals, Amino Acids.



Calculated Analysis

NUTRIENTS		Total	Supp (9)
Proximate Analysis			
Moisture (1)	%	10.00	
Crude Oil	%	4.25	
Crude Protein	%	22.39	
Crude Fibre	%	4.21	
Ash	%	7.56	
Nitrogen Free Extract	%	51.20	
Digestibility Co-Efficients (7)			
Digestible Crude Oil	%	3.86	
Digestible Crude Protein	%	20.21	
Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)			
Total Dietary Fibre	%	15.43	
Pectin	%	1.43	
Hemicellulose	%	9.20	
Cellulose	%	3.93	
Lignin	%	1.50	
Starch	%	33.92	
Sugar	%	5.75	
Energy (5)			
Gross Energy	MJ/kg	15.21	
Digestible Energy (15)	MJ/kg	12.42	
Metabolisable Energy (15)	MJ/kg	11.36	
Atwater Fuel Energy (AFE) (8)	MJ/kg	13.90	
AFE from Oil	%	11.50	
AFE from Protein	%	26.93	
AFE from Carbohydrate	%	61.57	
Fatty Acids			
Saturated Fatty Acids			
C12:0 Lauric	%	0.05	
C14:0 Myristic	%	0.20	
C16:0 Palmitic	%	0.36	
C18:0 Stearic	%	0.09	
Monounsaturated Fatty Acids			
C14:1 Myristoleic	%	0.01	
C16:1 Palmitleic	%	0.13	
C18:1 Oleic	%	1.03	
Polyunsaturated Fatty Acids			
C18:2(ω6) Linoleic	%	1.15	
C18:3(ω3) Linolenic	%	0.17	
C20:4(ω6) Arachidonic	%	0.22	
C22:5(ω3) Clupanodonic	%	0.04	
Amino Acids			
Arginine	%	1.54	
Lysine (6)	%	1.33	0.09
Methionine	%	0.34	
Cystine	%	0.34	
Tryptophan	%	0.27	
Histidine	%	0.57	
Threonine	%	0.86	
Isoleucine	%	0.98	
Leucine	%	1.68	
Phenylalanine	%	1.03	
Valine	%	1.10	
Tyrosine	%	0.80	
Taurine	%		
Glycine	%	1.88	
Aspartic Acid	%	1.43	

NUTRIENTS		Total	Supp (9)
Glutamic Acid	%	4.07	
Proline	%	1.38	
Serine	%	0.97	
Hydroxyproline	%	0.06	
Hydroxylysine	%		
Alanine	%	0.14	
Macro Minerals			
Calcium	%	1.15	0.56
Total Phosphorus	%	0.82	0.09
Phytate Phosphorus	%	0.25	
Available Phosphorus	%	0.58	0.09
Sodium	%	0.32	0.19
Chloride	%	0.43	0.31
Potassium	%	0.81	
Magnesium	%	0.29	0.04
Micro Minerals			
Iron	mg/kg	188.17	82.50
Copper	mg/kg	20.28	8.75
Manganese	mg/kg	102.01	52.70
Zinc	mg/kg	51.34	8.64
Cobalt	µg/kg	617.02	525.00
Iodine	µg/kg	1395.12	775.00
Selenium	µg/kg	497.70	200.00
Fluorine	mg/kg	9.24	
Vitamins			
β-Carotene (2)	mg/kg	0.15	
Retinol (2)	µg/kg	5977.24	5812.50
Vitamin A (2)	iu/kg	19923.60	19375.00
Cholecalciferol (3)	µg/kg	102.22	72.50
Vitamin D (3)	iu/kg	4088.65	2900.00
α-Tocopherol (4)	mg/kg	100.35	81.14
Vitamin E (4)	iu/kg	110.39	89.25
Vitamin B ₁ (Thiamine)	mg/kg	27.08	19.11
Vitamin B ₂ (Riboflavin)	mg/kg	10.60	7.60
Vitamin B ₆ (Pyridoxine)	mg/kg	19.54	14.46
Vitamin B ₁₂ (Cyanocobalamin)	µg/kg	26.78	17.75
Vitamin C (Ascorbic Acid)	mg/kg	1.33	
Vitamin K (Menadione)	mg/kg	4.15	3.72
Folic Acid (Vitamin B ₉)	mg/kg	2.73	0.49
Nicotinic Acid (Vitamin PP) (6)	mg/kg	85.00	19.11
Pantothenic Acid (Vitamin B _{3/5})	mg/kg	40.27	23.80
Choline (Vitamin B _{4/7})	mg/kg	1641.65	366.60
Inositol	mg/kg	1903.20	
Biotin (Vitamin H) (6)	µg/kg	322.87	

Notes

- All values are calculated using a moisture basis of 10%. Typical moisture levels will range between 9.5 - 11.5%.
- a. Vitamin A includes Retinol and the Retinol equivalents of β-carotene
b. Retinol includes the Retinol equivalents of β-Carotene.
c. 0.48 µg Retinol = 1 µg β-carotene = 1.6 iu Vitamin A activity
d. 1 µg Retinol = 3.33* iu Vitamin A activity
e. 1 iu Vitamin A = 0.3 µg Retinol = 0.6 µg β-carotene
f. The standard analysis for Vitamin A does not detect β-carotene
- 1 µg Cholecalciferol (D₃) = 40.0 iu Vitamin D
- 1 mg all-*rac*-α-tocopherol = 1.1 iu Vitamin E activity
1 mg all-*rac*-α-tocopherol acetate = 1.0 iu Vitamin E activity
- 1 MJ = 239.23 Kcalories = 239.23 Calories = 239,230 calories
- These nutrients coming from natural raw materials such as cereals may have low availabilities due to the interactions with other compounds.
- Based on in-vitro digestibility analysis.
- AF Energy = Atwater Fuel Energy = ((CO%/100)*9000)+((CP%/100)*4000)+((NFE%/100)*4000)/239.23
- Supplemented nutrients from manufactured and mined sources.
- Calculated.