

VRF1 (P)

DATASHEET



Code:	801900
Name:	VRF1 (P)
Packaging:	20.0 kg Poly woven



Description: SDS VRF1

GLP Certificated rat and mouse breeding diet.
Also suitable for maintenance.

Contains elevated levels of certain heat labile vitamins which make it suitable for autoclaving and for animals with high vitamin requirements (i.e. SPF / Germ free).

The diet is coated with inert silicon dioxide to reduce the potential for clumping during autoclaving.

Designed to be fed ad-libitum with fresh water.

Storage: ideally under 20°C in a cool dry place

Shelf life: 9 months

Calculated Analysis:

		Total
PROXIMATE ANALYSIS		
Moisture	%	10.00
Crude Oil	%	4.75
Crude Protein	%	19.11
Crude Fibre	%	3.85
Ash	%	6.97
NFE	%	55.32
CARBOHYDRATE, FIBRE AND NON STARCH POLYSACCHARIDES (NSP)		
Pectin	%	1.37
Hemicellulose	%	8.76
Cellulose	%	3.95
Lignin	%	1.06
Starch	%	35.41
Sucrose	%	4.64
ENERGY		
Gross Energy	MJ/kg	16.26
Metabolisable Energy	MJ/kg	12.23
Atwater Fuel Energy*	kcal/g	3.40

		Total	Supp**
AMINO ACIDS			
Arginine	%	1.26	
Lysine	%	1.02	0.10
Methionine	%	0.43	0.15
Cystine	%	0.35	
Tryptophan	%	0.25	
Histidine	%	0.48	
Threonine	%	0.71	
Isoleucine		0.83	
Leucine	%	1.34	
Phenylalanine	%	0.96	
Valine	%	0.93	
Tyrosine	%	0.61	
Glycine	%	0.81	
Aspartic acid	%	1.70	
Glutamic acid	%	3.96	
Proline		1.33	
Serine	%	0.97	
Alanine	%	0.80	

*Atwater Fuel Energy (kcal/g) = [(Crude Oil% x 9) + (Crude Protein% x 4) + (NFE% x 4)]/100
(1 MJ=239.23 kcal)

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		Total
FATTY ACIDS		
SATURATED FATTY ACIDS		
C12:0 Lauric	%	0.02
C14:0 Myristic	%	0.06
C16:0 Palmitic	%	0.54
C18:0 Stearic	%	0.13
MONO-UNSATURATED FATTY ACIDS		
C14:1 Myristoleic	%	0.00
C16:1 Palmitoleic	%	0.01
C18:1 ω9 Oleic	%	1.06
POLY UNSATURATED FATTY ACIDS		
C18:2 ω6 Linoleic	%	2.27
C18:3 ω3 Linolenic	%	0.28
C20:4 ω6 Arachidonic	%	0.11
C22:5 ω3 Clupanodonic	%	0.00

		Total	Supp**
MINERALS AND TRACE ELEMENTS			
Ca	%	1.01	0.73
Total P	%	0.64	0.19
Phytate P	%	0.24	
Available P	%	0.40	0.19
Na	%	0.32	0.27
Cl	%	0.49	0.43
K	%	0.88	
Mg	%	0.20	0.01
Fe	mg/kg	280	180
Cu	mg/kg	22	12
Mn	mg/kg	145	99
Zn	mg/kg	178	144
Co	µg/kg	67	
I	µg/kg	2275	2154
Se	µg/kg	310	150
VITAMINS			
VIT A	IU/kg	31151	29955
VIT D3	IU/kg	1527	1500
VIT E	IU/kg	96	80
VIT B1 Thiamine	mg/kg	336	331
VIT B2 Riboflavin	mg/kg	14	12
VIT B6 Pyridoxine	mg/kg	48	45
VIT B12 Cyanocobalamine	µg/kg	153	150
VIT K Menadione	mg/kg	10	10
Folic Acid	mg/kg	11	10
Nicotinic Acid	mg/kg	129	78
Pantothenic Acid	mg/kg	41	27
Choline	mg/kg	1337	300
Inositol	mg/kg	2297	245
Biotin	µg/kg	543	280

**SUPP = Supplemented sources of amino acids, vitamins and minerals from manufactured and mined sources.

Ingredients (in descending order of inclusion):

Wheat, Dehulled Extracted Toasted Soya, Wheatfeed, Barley, Dehulled Cooked Soya, Soya Oil, Calcium Carbonate, Dicalcium Phosphate, Salt (NaCl), Silicon Dioxide, DL-Methionine, Choline Chloride, Ferrous Sulphate, Inositol, Magnesium Oxide, Zinc Oxide, L-Lysine, Manganese Oxide, Vitamin E (Tocopherol) Supplement, Vitamin B12 (Cyanocobalamin) Supplement, Vitamin B1 (Thiamine), Nicotinic Acid, Vitamin A (Retinol) Supplement, Copper Sulphate, Calcium-D-Pantothenate, Vitamin B6 (Pyridoxine), Vitamin K3 (Menadione), Selenium 1% Supplement, Vitamin B2 (Riboflavin), Biotin-Supplement, Folic Acid, Calcium Iodate, Vitamin D3 (Cholecalciferol) Supplement.

For further information, please contact SDS on:

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