

DIET FORMULATION AND SPECIFICATION DATA

BASIC DIET INFORMATION:

Code:	803181
Name:	FD2 (P)
Date:	16/11/2016

CALCULATED ANALYSIS:

		FRESH	10% H2O
TOTAL	%	100.00	100.00
MOISTURE	%	10.63	10.00
CRUDE OIL	%	3.22	3.24
CRUDE PROTEIN	%	19.04	19.17
CRUDE FIBRE	%	14.86	14.96
ASH	%	9.05	9.11
NFE	%	42.75	43.05
PECTIN	%	3.62	3.65
HEMICELLULOSE	%	13.90	14.00
CELLULOSE	%	15.88	15.99
LIGNIN	%	2.63	2.65
STARCH	%	16.13	16.24
SUGAR	%	5.04	5.08
GROSS ENERGY	MJ/kg	15.15	15.26
DIGESTIBLE ENERGY	MJ/kg	8.93	8.99
METABOLISABLE ENERGY	MJ/kg	8.04	8.10
AF ENERGY	kcal/kg	2760.67	2780.13
C14 1 MYRISTOLEIC	%	0.00	0.00
C16 1 PALMITOLEIC	%	0.03	0.03
C18 1 W9 OLEIC	%	0.37	0.37
C18 2 W6 LINOLEIC	%	0.84	0.85
C18 3 W3 LINOLENIC	%	0.44	0.44
C20 4 W6 ARICHIDONIC	%	0.04	0.04
C22 5 W3 CLUPANODONIC	%	0.00	0.00
C12:0 LAURIC	%	0.02	0.02
C14:0 MYRISTIC	%	0.06	0.06
C16:0 PALMITIC	%	0.29	0.29
C18:0 STEARIC	%	0.08	0.08
ARGININE	%	1.19	1.20
LYSINE	%	1.00	1.01
S LYS	%	0.07	0.07
METHIONINE	%	0.36	0.36
S METH	%	0.02	0.02
CYSTINE	%	0.33	0.33
S CYST	%	0.00	0.00

		FRESH	10% H2O
CL	%	0.53	0.53
S CL	%	0.47	0.47
K	%	1.58	1.59
S K	%	0.00	0.00
MG	%	0.31	0.31
S MG	%	0.00	0.00
FE	mg/kg	406.36	409.22
S FE	mg/kg	144.81	145.83
CU	mg/kg	18.57	18.70
S CU	mg/kg	5.81	5.85
MN	mg/kg	166.60	167.77
S MN	mg/kg	124.00	124.87
ZN	mg/kg	52.64	53.01
S ZN	mg/kg	27.00	27.19
CO	µg/kg	1071.67	1079.22
S CO	µg/kg	1006.25	1013.34
I	µg/kg	950.95	957.65
S I	µg/kg	793.75	799.35
SE	µg/kg	210.66	212.15
S SE	µg/kg	100.00	100.70
F	mg/kg	18.26	18.39
VIT A	iu/kg	164295.32	165453.49
S VIT A	iu/kg	5000.00	5035.25
VIT D3	iu/kg	1925.00	1938.57
S VIT D3	iu/kg	1925.00	1938.57
VIT E	iu/kg	103.17	103.90
S VIT E	iu/kg	75.00	75.53
VIT B1 THI	mg/kg	8.90	8.96
S VIT B1	mg/kg	5.71	5.75
VIT B2 RIB	mg/kg	11.51	11.59
S VIT B2	mg/kg	6.60	6.65
VIT B6 PYR	mg/kg	9.07	9.13
S VIT B6	mg/kg	6.72	6.77
VIT B12 CY	µg/kg	4.65	4.68
S VIT B12	µg/kg	4.25	4.28
VIT C ASCO	mg/kg	1066.50	1074.02
S VIT C	mg/kg	1015.00	1022.16

This information is intended as a guide only. For actual data we recommend that analysis work is carried out to confirm the nutrient parameters precisely

TRYPTOPHAN	%	0.26	0.26
S TRYPT	%	0.00	0.00
HISTIDINE	%	0.41	0.41
THREONINE	%	0.74	0.75
S THREO	%	0.00	0.00
ISOLEUCINE	%	0.79	0.80
LEUCINE	%	1.38	1.39
PHENYLALAN	%	0.93	0.94
VALINE	%	0.93	0.94
TYROSINE	%	0.56	0.56
TAURINE	%	0.00	0.00
GLYCINE	%	0.77	0.78
ASPARTIC A	%	1.59	1.60
GLUTAMIC A	%	3.03	3.05
PROLINE	%	0.97	0.98
SERINE	%	0.80	0.81
HYD PROLIN	%	0.00	0.00
HYD LYSINE	%	0.00	0.00
ALANINE	%	0.44	0.44
CA	%	1.18	1.19
S CA	%	0.88	0.89
TOTAL P	%	0.90	0.91
S PHOS	%	0.54	0.54
PHYTATE P	%	0.22	0.22
AVAIL P	%	0.64	0.64
NA	%	0.37	0.37
S NA	%	0.33	0.33

VIT K MENE	mg/kg	101.33	102.04
S VIT K	mg/kg	41.20	41.49
FOLIC ACID	mg/kg	8.74	8.80
S FOLIC	mg/kg	7.84	7.90
NICOTINIC	mg/kg	73.47	73.99
S NICOTIN	mg/kg	41.90	42.20
PANTOTHENI	mg/kg	27.60	27.79
S PANTOTH	mg/kg	13.46	13.55
CHOLINE	mg/kg	1634.01	1645.53
S CHOLINE	mg/kg	708.70	713.70
INOSITOL	mg/kg	1203.20	1211.68
S INOSITOL	mg/kg	0.00	0.00
BIOTIN	µg/kg	404.96	407.81
S BIOTIN	µg/kg	209.00	210.47

INGREDIENTS:

NAME
GRASS
BARLEY
OAT HULLS AND BRAN
SOYA HULLS
LINSEED
SOYA DEHULLED EXTRACTED TOASTED
WHEATFEED
SOYA FULL FAT TOASTED
DICALCIUM PHOSPHATE DIHYDRATE
VITAMINS, MINERALS AND AMINO ACIDS
HYDROLYSED WHEAT PROTEIN
POTATO PROTEIN
MAIZE GLUTEN MEAL

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