

[Donate](#)



Search Feedipedia Search

Sponsored by



Automatic translation

Select Language 

Powered by 

Did you find the information you were looking for? Is it valuable to you? Feedipedia is encountering funding shortage. We need your help to keep providing reference-based feeding recommendations for your animals. Would you consider donating? If yes, please click on the button Donate. Any amount is welcome. Even one cent is helpful to us!

Rapeseed meal, 00 type, oil > 5% as fed, mechanical extraction



	Unit	Avg	SD	Min	Max	Nb
Main analysis						
Dry matter	% as fed	92	2.4	84.6	98.1	508
Crude protein	% DM	33.7	2.4	22.6	44	510
Crude fibre	% DM	12.7	1.4	8	17.2	420
Neutral detergent fibre	% DM	29.3	4.6	18.1	40.4	48 *
Acid detergent fibre	% DM	19.5	1.9	12.9	22.4	45 *
Lignin	% DM	9	2	4.3	13.7	30 *
Ether extract	% DM	12.8	3.8	5.6	25.6	390
Ash	% DM	6.7	0.6	5.2	11.4	169
Insoluble ash	% DM	0.3				
Starch (polarimetry)	% DM	6.6	1.5	1.7	7.1	11
Starch (enzymatic)	% DM	1.6				
Total sugars	% DM	10	1.3	8.2	12.2	9
Gross energy	MJ/kg DM	21.4	1.3	18.5	24.3	32 *
Amino acids						
Alanine	g/16g N	4.4	0.2	4.2	5	30 *
Arginine	g/16g N	5.8	0.4	5.6	6.9	37 *
Aspartic acid	g/16g N	7.1	0.5	6.4	9.1	31 *
Cystine	g/16g N	2.4	0.3	1.9	2.9	37 *
Glutamic acid	g/16g N	16.9	1	15.6	19.5	31 *
Glycine	g/16g N	5	0.2	4.8	5.6	31 *
Histidine	g/16g N	2.7	0.3	2.5	3.6	33 *
Isoleucine	g/16g N	4	0.3	3.1	4.6	36 *
Leucine	g/16g N	6.8	0.3	6.3	7.7	37 *
Lysine	g/16g N	5.5	0.4	4.4	6.4	54 *
Methionine	g/16g N	2	0.2	1.6	2.4	42 *
Methionine+cystine	g/16g N	4.4	0.4	3.7	5.2	34 *
Phenylalanine	g/16g N	3.9	0.3	3.3	4.5	37 *
Phenylalanine+tyrosine	g/16g N	6.7	0.7	6.2	8.9	15 *
Proline	g/16g N	6.1	0.3	5.5	6.7	30 *
Serine	g/16g N	4.4	0.3	3.4	5	30 *
Threonine	g/16g N	4.4	0.3	3.8	5	33 *
Tryptophan	g/16g N	1.2	0.09	1.1	1.4	17 *
Tyrosine	g/16g N	2.8	0.6	2.3	5	18 *
Valine	g/16g N	5.1	0.4	4.2	5.9	37 *
Fatty acids						
Myristic acid C14:0	% fatty acids	0.03	0.05	0	0.2	61
Palmitic acid C16:0	% fatty acids	4.7	0.9	3.9	11.5	78
Palmitoleic acid C16:1	% fatty acids	0.2	0.09	0	0.4	63
Stearic acid C18:0	% fatty acids	1.6	0.3	1.4	3.6	78
Oleic acid C18:1	% fatty acids	60.4	2.7	43.6	64.2	78
Linoleic acid C18:2	% fatty acids	20	1.4	17.3	24.9	81
Linolenic acid C18:3	% fatty acids	9.2	1.9	1.2	12.5	77
Minerals						
Calcium	g/kg DM	8.2	1.4	5.7	10.9	52
Phosphorus	g/kg DM	11.9	1	8.8	14	56
Potassium	g/kg DM	12.5	1.1	11.1	13.6	5

Sodium	g/kg DM	0.56				
Chlorine	g/kg DM	0.8	0.07	0.9	2	
Magnesium	g/kg DM	5.3	4.5	5.8	4	
Sulfur	g/kg DM	8.3				
Manganese	mg/kg DM	63	13	40	72	5
Zinc	mg/kg DM	64	10	57	80	5
Copper	mg/kg DM	5	0.8	4	6	5
Iron	mg/kg DM	187		107	258	3
Selenium	mg/kg DM	0.2		0.04	0.4	2
Pig nutritive values		Unit	Avg	SD	Min	Max
Energy digestibility, growing pig	%	70.8	10	55	90.8	10 *
DE growing pig	MJ/kg DM	15.2	2.2	11.5	19	10 *
ME _n growing pig	MJ/kg DM	14.2				*
NE growing pig	MJ/kg DM	9.8				*
Nitrogen digestibility, growing pig	%	79	6.6	65	87.6	10 *
Poultry nutritive values		Unit	Avg	SD	Min	Max
AMEn cockerel	MJ/kg DM	11.2		8.9	14.4	4 *
AMEn broiler	MJ/kg DM	10.5	1.5	7.7	13.2	15 *
Ruminants nutritive values		Unit	Avg	SD	Min	Max
OM digestibility, ruminants	%	78				1 *
Energy digestibility, ruminants	%	78.5				1 *
ME ruminants	MJ/kg DM	13.1				*
Nitrogen digestibility, ruminants	%	77				1 *
Nitrogen degradability (effective, k=6%)	%	69		48	72	3 *
Nitrogen degradability (effective, k=4%)	%	75				1 *
a (N)	%	27	7	8	27	6
b (N)	%	67	14	54	89	6
c (N)	h-1	0.1	0.045	0.02	0.14	6
Dry matter degradability (effective, k=6%)	%	60				1 *
Dry matter degradability (effective, k=4%)	%	65				1 *
a (DM)	%	28	5	19	36	6
b (DM)	%	55	13	48	79	6
c (DM)	h-1	0.085	0.028	0.018	0.09	6
Rabbit nutritive values		Unit	Avg	SD	Min	Max
DE rabbit	MJ/kg DM	14.2				*
ME _n rabbit	MJ/kg DM	13				*
Energy digestibility, rabbit	%	66.2				*
Nitrogen digestibility, rabbit	%	71.8				*

The asterisk * indicates that the average value was obtained by an equation.

References

AFZ, 2017; Albar, 2006; Allan et al., 2000; Anon., 2001; Aufrère et al., 1991; Bach Knudsen, 1997; Bell et al., 1993; Bourdon et al., 1979; Bourdon, 1986; Bryan et al., 2017; CIRAD, 2008; Grala et al., 1999; Halle et al., 2013; Karlsson et al., 2009; Keith et al., 1991; Kong et al., 2016; Kong et al., 2017; Kracht et al., 2004; Kyntäjä et al., 2014; Lessire et al., 2009; Liu et al., 1995; Mulrooney et al., 2009; Mustafa et al., 1997; Nadeem et al., 2005; Onidol, 1985; Presto et al., 2011; Saki et al., 2008; Schöne et al., 1996; Sécalibio, 2018; Szczurek, 2009; Theodoridou et al., 2013; Toghyani et al., 2014; Toghyani et al., 2015; Woyengo et al., 2009

Last updated on 03/02/2020 21:47:51

Datasheet

Rapeseed meal

Table status

Finished

Table order

2
991

