

CANOLA MEAL NUTRIENT COMPOSITION TABLES

Component	Average
Moisture (%)	10.0
Crude protein (N x 6.25;%)	35.0
Rumen bypass protein (%)	35.0
Oil (%)	3.5
Linoleic acid (%)	0.6
Ash (%)	6.1
Sugars (%)	8.0
Starch (%)	5.2
Cellulose (%)	4.6
Oligosaccharides	2.3
Non-starch polysaccharides (%)	16.1
Soluble NSP's (%)	1.4
Insoluble NSP's (%)	14.7
Crude fibre (%)	12.0
Acid detergent fibre (%)	17.2
Neutral detergent fibre (%)	21.2
Total dietary fibre (%)	33.0
Tannins (%)	1.5
Sinapine (%)	1.0
Phytic acid (%)	4.0
Glucosinolates (µmoles/g)	16
Bulk Density, mash	16 kg/ft ³ , 565 kg/m ³
Bulk Density, pellets	19 kg/ft ³ , 670 kg/m ³

Amino Acid	Total (%)*	Digestibility coefficient	
		Swine true ileal (%)	Poultry true (%)
Arginine	2.12	85	88
Cystine	0.94	83	73
Histidine	1.13	85	86
Isoleucine	1.41	78	83
Leucine	2.39	81	86
Lysine	2.02	78	79
Methionine	0.77	86	90
Met + cys	1.71	85	81
Phenylalanine	1.54	82	86
Threonine	1.50	76	78
Tryptophan	0.46	75	82
Valine	1.71	77	81

* based on 35% crude protein

Mineral	Average
Calcium (%)	0.63
Phosphorus (%)	1.08
Available P (%)	0.3-0.5
Sodium (%)	0.10
Chlorine (%)	0.10
Potassium (%)	1.22
Sulfur (%)	0.85
Magnesium (%)	0.54
Copper (mg/kg)	5.8
Iron (mg/kg)	166
Manganese (mg/kg)	52
Molybdenum (mg/kg)	1.4
Zinc (mg/kg)	58
Selenium (mg/kg)	1.1

Vitamin	Amount
Biotin (mg/kg)	0.98
Choline (mg/kg)	6700
Folic acid (mg/kg)	0.8
Niacin (mg/kg)	160
Pantothenic acid (mg/kg)	9.5
Pyridoxine (mg/kg)	7.2
Riboflavin (mg/kg)	5.8
Thiamin (mg/kg)	5.2
Vitamin E (mg/kg)	13

Animal		Average value
Chickens	AMEn (kcal/kg)	2000
	TME _n (kcal/kg)	2070
Pigs	DE (kcal/kg)	3100
	ME (kcal/kg)	2900
	NE (kcal/kg)	1750
Cattle	TDN (%)	63.0
	DE (kcal/kg)	3100
	ME (kcal/kg)	2480
	NEM (kcal/kg)	1690
	NEG (kcal/kg)	1130
	NEL (kcal/kg)	1580

ALL VALUES ARE BASED ON 90% DRY MATTER.