



Canola Meal

Ingredient Declaration

Canola Meal – derived from canola seeds which conform to the requirements of Australian Oilseeds Federation Canola Standard Reference CSO1.

Product Description

Solvent extracted Canola Meal is obtained from the solvent extraction and grinding of canola seed (*Brassica napus*). The minimum quality standards shall conform to the Australian Oilseed Federation Standards (CAN:M:392/93). Canola Meal will conform to FSANZ Food Standards Code and the relevant State Health Acts. Canola Meal contains less than 30 micromoles of specified glucosinolates per g of oil-free air-dry solids and not more than 2% Erucic Acid in the oil component as a proportion of the total fatty acids.

Characteristics

A brown meal, free flowing with a clean, fresh chaff like odour. Typical bulk density of 480-550 g/l.

Fineness of Grind – Max 2% retained, 3mm screen (woven wire DIN3) and Max 10% retained, 2mm screen (woven wire, US10, DIN 2).

Standard Specifications (At time of manufacture)

Analyses	Method	Specification
Crude Protein	AOCS Ba 4e-93	36.0% Min
Moisture	AOCS Ba 2a-38	12.0% Max
Crude Fibre	AOCS Ba 6-84	15.0% Max
Oil	AOCS Ba 3-38	0.5% Min

Typical Analysis – as fed basis

Metabolisable Energy-Poultry	9.2 MJ/kg
Metabolisable Energy-Cattle	10.9 MJ/kg
Digestible Energy-Swine	12.0 MJ/kg
Crude Fibre	11.0%
Acid Detergent Fibre	18.4%
Neutral Detergent Fibre	24.8%
Total Ash	6.2%
Calcium	0.65%
Total Phosphorus	0.92%
Available Phosphorus	0.39%
Magnesium	0.51%
Potassium	1.30%
Sulphur	0.8%
DCAD	-53 meq/kg

Typical amino acid profile	Unit	
Alanine	% of Cr. Protein	4.2
Arginine	% of Cr. Protein	6.2
Aspartic Acid	% of Cr. Protein	5.9
Cystine	% of Cr. Protein	1.6
Glutamic Acid	% of Cr. Protein	18.4
Glycine	% of Cr. Protein	5.3
Histidine	% of Cr. Protein	3.1
Leucine	% of Cr. Protein	7.0
Isoleucine	% of Cr. Protein	4.0
Lysine	% of Cr. Protein	5.9
Methionine	% of Cr. Protein	2.0
Phenylalanine	% of Cr. Protein	4.3
Proline	% of Cr. Protein	6.1
Serene	% of Cr. Protein	3.7
Threonine	% of Cr. Protein	4.0
Tryptophan	% of Cr. Protein	1.8
Tyrosine	% of Cr. Protein	3.0
Valine	% of Cr. Protein	4.8

Shipping and Storage Conditions

The product is to be shipped in a covered tipper truck, with adequate protection from rain. Trucks / railcars used for the transportation must conform with Section 1 : AOF 2-4, Code of Practice for the Bulk Transportation of Vegetable Oilseeds, Meals and Hulls by Road and Rail.

The product should be stored in clean, dry environment with protection from moisture, insects, birds and rodents.

Packaging & Coding

Each load should be accompanied by a delivery note detailing product name, net weight, customer details, manufacturer's name and address.

Product details will be included on a Certificate of Analysis or Conformance/Compliance when requested in the sales contract. A labeled retention sample shall be maintained for no less than two months.

DISCLAIMER OF WARRANTIES: The information in this Product Data Sheet is believed to be accurate and reliable. However, this information is provided without any representation or warranty, express or implied, regarding its accuracy or correctness.

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