

Braham & Murray

Collabear Farm, Tawstock, North Devon, EX31 3JZ
01271 858 377
www.hemp-ingredients.com

Ingredient Description

Hemp Protein Powder for Animal Feed

A Natural, Balanced Protein with all essential amino acids and high in Edestin . Also contains Omega 3 & 6 .

Description	<p>A light powder, high in protein with all 10 Essential Amino Acids. Contains essential Fatty Acids – Omega 3 (including SDA) & Omega 6 (including GLA) and Dietary Fibre. Hemp is an exceptionally high quality plant protein in terms of amino acid composition. Hemp protein contains all 21 amino acids, including the 8 essential amino acids in a ratio that resembles “complete” protein sources such as meat, milk and eggs.</p> <p>Hemp protein is also a valuable source of other nonessential amino acids including arginine.</p>
Uses	For precision application of protein in feeds and baits.
Process	Product of Cold Pressing FOOD GRADE Natural Hemp Seed.
Traceability	Made from seed produced by Messrs Braham & Murray in the UK and EU exclusively for human food consumption and complying with B&M Specification.
Colour	Natural/Light Green
Free From	Pesticides & Herbicides Gluten Hexane GMO Toxins & Dioxins Dairy & Lactose Nuts Sesame Any known Allergens
Suitable For	All species
Other Information	Locally Produced Product of highly sustainable crop Excellent environmental credentials

Amino Acid Profile Data

Hemp Protein

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Powder

Typical Amino Acids per 100g	
Alanine	1.87g
Arginine	5.07g
Aspartic Acid	4.50g
Cystine	0.79g
Glutamic Acid	7.69g
Glycine	2.08g
Histidine	1.28g
Isoleucine	1.13g
Leucine	2.53g
Lysine	1.55g
Methionine	0.92g
Phenylalanine	1.78g
Proline	1.74g
Serine	2.48g
Threonine	1.49g
Tryptophan	0.36g
Tyrosine	1.40g
Valine	1.51g

Ingredient Nutritional Data

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Typical Nutritional Values per 100g		
Energy	1548kj/370kcal	
Protein	46.95g	
Carbohydrate	15.49g	
Of which sugars	5.43g	
Fat:	12.64g	
Saturates	1.45g	
Monunsaturates	1.53g	
Polyunsaturates	9.66g	
	Omega 6	7.4g
	Omega 3	2.3g
Dietary Fibre	21.10g	
Sodium	Nil	

Ingredient Fatty Acid Profile Data

Hemp Protein Powder

Typical Fatty Acids by GLC	
Saturated Fatty Acids	11.3%
Palmitic Acid (16:0)	7.0%
Stearic Acid (18:0)	3.0%
Arachidic Acid (20:0)	0.9%
Behenic Acid (22:0)	0.4%
Monounsaturated Fatty Acids	11.60%
Palmitoleic Acid (16:1)	0.10%
Oleic Acid (18:1) n9	11.5%
Polyunsaturated Fatty Acids	76.60%
Linoleic Acid (18.2) n6	55.10%
Alpha Linolenic Acid (18:3) n3	17.46%
Gama Linolenic Acid (18:3) n6	3.04%
Stearadonic Acid (18:4) n3	1.00%