

## Noblesse Poultry Meat Meal

GMP+

Specification version: February 2022

Noblesse poultry meat meal is derived from continuously processed poultry by-products. Poultry meat meal has golden brown colour with a high digestibility and is a premium grade ingredient for use in pet food, aquaculture, and pig feed diets. The poultry by-products are free from feather residues and blood, as far as technically possible.

Nutrients	Min	Typical	Max
Moisture	-	2.73 %	5.0 %
Crude Protein	65.0 %	68.52 %	-
Crude Fat	-	14.63 %	17.0 %
Crude Ash	10.5 %	14.12 %	16.0 %
Digestibility (Pepsin- HCL)	85.0 %	88.89 %	-
Peroxide-value	-	< 1 meq O <sub>2</sub> /kg	10 meq O <sub>2</sub> /kg

Volume elements	
Parameter	Typical Value (%)
Calcium (Ca)	3.33
Phosphorus (P)	2.08
Sodium (Na)	0.55

Amino acid	g/100 g crude protein	g/kg product
Alanine	6.6	45.5
Arginine	6.8	46.3
Aspartic acid	8.1	55.5
Cystine	1.0	7.0
Glutamine acid	13.0	89.1
Glycine	10.0	68.3
Histidine	2.0	14.0
Isoleucine	3.5	23.7
Leucine	6.8	46.6
Lysine	5.9	40.5
Methionine	1.9	13.0
Phenylalanine	3.7	25.5
Proline	6.5	44.6
Serine	4.2	28.8
Threonine	3.9	26.6
Tryptophan	0.9	6.3
Tyrosine	3.3	22.7
Valine	4.3	29.7

Sieve analysis	
Diameter sieve	Typical Value (%)
2mm	0.10
1mm	23.91
0.5mm	58.39
0.25mm	15.25
0.125mm	2.26
0.063mm	0.09
>0.063mm	0

The data in the specification, which are not specified specifically (">" or "<") represent mean values. These data should be considered as typical values, without any commitment.

Microbiology	
Salmonella	Negative in 25g
Enterobacteria	< 10 CFU/g

Energy values		
Parameter	kJ/kg	kcal/kg
Gross energy	17600	4200
Nett energy	11053	2640
Energy value EW	1.26	

Colour	Light brown
Flavour	Fresh
Contamination	Technical free from insects, pesticides, lumps, and other
	foreign bodies

## Storage / Shelf life

Noblesse poultry meat meal has a shelf life of 6 months in a cool (ca. 10-15 °C), dark and dry area.

## Legislation / Health certificate

Noblesse poultry meat meal is manufactured from low risk poultry by-products only, derived from the slaughtering process, classified as "category 3 material" under EU Regulation 1069/2009, 999/2001, 142/2011 and amendments.

Noblesse Proteins B.V. is GMP+FSA certified.

Veterinary number: EG 06801 GMP+ FSA number: GMP006183

