

CGF Corn Gluten Feed

CGF pellet feedstuff raw material



DESCRIPTION: At wet processing of corn, after separation of the larger proportion of the starch, the corn germs and the corn gluten, CGF (corn gluten feed) is the remaining source of protein, fibre, energy, vitamins and mineral substances which can be economically utilised for feedstuff purposes. The product corresponds to the current regulations in the EU.

Appearance: yellowish-brown to brown colour pellet

Odour, taste: specific, pure

APPLICATION: CGF feedstuff is a basic commodity which plays an important role in the feeding of ruminants, pigs, poultry and pets.

Proximate composition		Min.	Max.	Method
1	Dry solids (%)	88,0		Gravimetry
2	Moisture (%)		12,0	Gravimetry
3	Crude protein (%)	18,2		Kjeldahl
4	Starch (%)		18,0	Polarimetry
5	Crude fibre (%)		9,0	Gravimetry

Parameters under title "Analytical data" are typical values based on measurements executed with certain frequency. They are indicative and do not appear in Certificate of Analysis.

The raw material is monitored regularly by accredited laboratory.



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TYPICAL VALUES



Vitamins *		Amino acids		
Vitamin A (IU/kg):	3.000	Lysine	g/kg	4,8
Vitamin E (mg/kg):	12	Threonine	g/kg	7,2
Thiamin B1 (mg/kg):	2	Methionine	g/kg	5,8
Ribofalvin B2 (mg/kg):	3	Cystine	g/kg	5
Vitamin B6 (mg/kg):	14	Methionine+cystine	g/kg	10,9
Vitamin B12 (mg/kg):	0	Tryptophan	g/kg	1,2
Niacin (mg/kg):	73	Isoleucine	g/kg	5,6
Pantothenic acid (mg/kg):	19	Valine	g/kg	8,2
Folic acid (mg/kg):	0,3	Leucine	g/kg	20,8
Biotin (mg/kg):	0,2	Phenylalanine	g/kg	7,7
Cholin (mg/kg):	1.687	Tyrosine	g/kg	6
Xantophyll (mg/kg):	20	Phenylalanine+tyrosine	g/kg	13,7
		Histidine	g/kg	7,7
		Arginine	g/kg	5,1
		Alanine	g/kg	15,1
Phytase activity (IU/kg):	3	Aspartic acid	g/kg	14,6
		Glutamic acid	g/kg	35,6
		Glycine	g/kg	9,3
		Serine	g/kg	9
		Proline	g/kg	20,1

*on dry matter basis

Chemical composition	
NDF	41,6 %
ADF	10,3 %
Crude ash	5,7 %
Crude fat	2,8 %
Sugar	1,7 %



Fatty acids * (g/kg)		Energy value* (MJ/kg)	
Linoleic acid C18:2	14,7	NE Lactation rumminants	7,7

*on dry matter basis

Macro and microelements*			
Ca (g/kg):	1,6	Mn (mg/kg):	22
P (g/kg):	9,8	Zn (mg/kg):	64
Phytate P/Total P %	6,4	Cu (mg/kg):	7
Mg (g/kg):	4,2	Fe (mg/kg):	213
K (g/kg):	15,3	Se (mg/kg):	0,2
Na (g/kg):	3,5	Co (mg/kg):	0,2
Cl (g/kg):	2,4	Mo (mg/kg):	2
S (mg/kg):	3,1	I (mg/kg):	0,1

*on dry matter basis