

Certificate of Product

Sample Information

Sample code	73992
Trouw Nutrition	1000070
Article	NutriOpt - Pigs - dry - Wheat
Sampling	06-07-2019 07:11:05 UTC
Customer	Łukasz Kaczmarek
Description	pszenica 11

Current Date

06-07-2019 07:12:17 UTC

Proximates

	Result	Unit		Result	Unit
Moisture	120	g/kg	Starch	596	g/kg
Dry Matter	880	g/kg	Starch (amyloglucosidase)	571	g/kg
Crude Ash	16	g/kg	Sugar	27	g/kg
Crude Protein	129	g/kg	NFE	692	g/kg
Crude Fat	16	g/kg	NDF	127	g/kg
Crude Fiber	27	g/kg	NSP	122	g/kg

Amino Acids

	Result	Unit		Result	Unit
LYS	3.6	g/kg	LEU	8.5	g/kg
MET	2.1	g/kg	TYR	3.6	g/kg
CYS	2.8	g/kg	VAL	5.5	g/kg
MET+CYS	4.9	g/kg	ALA	4.8	g/kg
THR	3.7	g/kg	ASP	6.8	g/kg
TRP	1.5	g/kg	GLU	36.4	g/kg
ILE	4.4	g/kg	GLY	5.2	g/kg
ARG	6	g/kg	PRO	12.5	g/kg
PHE	5.8	g/kg	SER	5.9	g/kg
HIS	3	g/kg			

Fatty Acids

	Result	Unit
C16:0	2.2	g/kg
C16:1	0.1	g/kg
C18:0	0.1	g/kg
C18:1	1.7	g/kg
C18:2	6.5	g/kg
C18:3	0.6	g/kg
Omega 3	0.6	g/kg
Omega 6	6.5	g/kg

Pigs		
	Result	Unit
DE swine (MJ)	14.14	MJ/kg
DE swine (kCal)	3380	kcal/kg
ME swine (MJ)	13.76	MJ/kg
ME swine (kCal)	3289	kcal/kg
NE swine (MJ)	10.06	MJ/kg
NE swine (kCal)	2404	kcal/kg

Pigs Amino Acids SID							
		Result	Unit			Result	Unit
SID LYSpig		3	g/kg	SID LEUpig		7.6	g/kg
SID METpig		1.9	g/kg	SID TYRpig		3.3	g/kg
SID CYSpig		2.5	g/kg	SID VALpig		4.9	g/kg
SID M+Cpig		4.4	g/kg	SID ALApig		4	g/kg
SID THRpig		3.2	g/kg	SID ASPpig		5.7	g/kg
SID TRPpig		1.4	g/kg	SID GLUpig		34.9	g/kg
SID ILEpig		4	g/kg	SID GLYpig		4.5	g/kg
SID ARGpig		5.5	g/kg	SID PROpig		12	g/kg
SID PHEpig		5.2	g/kg	SID SERpig		5.5	g/kg
SID HISpig		2.7	g/kg				

Pigs Amino Acids AID		
	Result	Unit
AID LYSpig	2.7	g/kg
AID METpig	1.8	g/kg
AID CYSpig	2.4	g/kg
AID M+Cpig	4.1	g/kg
AID THRpig	2.7	g/kg
AID TRPpig	1.2	g/kg
AID ILEpig	3.6	g/kg
AID ARGpig	5.1	g/kg
AID LEUpig	7.2	g/kg
AID VALpig	4.4	g/kg

Pigs Trouw Nutrition							
		Result	Unit			Result	Unit
DE sow gest.		3449	kcal/kg	ME sow lact.		3332	kcal/kg
DE sow gest.		14.43	MJ/kg	ME sow lact.		13.94	MJ/kg
DE sow lact.		3423	kcal/kg	NE sow gest.		2438	kcal/kg
DE sow lact.		14.32	MJ/kg	NE sow gest.		10.2	MJ/kg
ME sow gest.		3353	kcal/kg	NE sow lact.		2426	kcal/kg
ME sow gest.		14.03	MJ/kg	NE sow lact.		10.15	MJ/kg

Horses		
	Result	Unit
DE Horse (MJ)	13.54	MJ/kg
Feed unit Horse	1.08	-
Dig CP Horse	104	g/kg
NEm Horse	9.66	MJ/kg

Minerals (Table Values)		
	Result	Unit
Calcium	0.4	g/kg
Phosphorus	3.1	g/kg
Sodium	0.1	g/kg
Potassium	4.3	g/kg
Magnesium	0.9	g/kg
Chloride	0.5	g/kg
dP swine	0.8	g/kg
aP swine	1.1	g/kg

The results in this report relate only to the specific sample used. The analysis and nutritional evaluation are based on input from the user and are made to the best knowledge of Nutreco. Nutreco does not accept any responsibility for the interpretation and use of the data presented in this report.