

Livestock

# ProtiFlow DE-S

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Grains comes from the extraction of bio ethanol from grains. The process focuses on extracting alcohol from the carbohydrates present. After the conversion and extraction of alcohol, a residue of non-fermentable components, consisting mainly of protein, remains. ProtiFlow is characterized by its good taste, low sodium content and high-quality protein.

Quality

The product complies with laws and regulations. Mycotoxins, insecticides, pesticides and herbicides are tested according to the GMP+ FSA. The product is non-GMO (according to Regulation (EC) 1829/2003 and 1830/2003).



Valid from 29 July 2022

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**Loop Co-Products BV**

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**BIC:**

RABO NL2U

**VAT. NL**

NL0095.32.488.13.01

**VAT. BE**

BE0547739105

**UST.ID:**

DE2891.81.759

**C.C. Venlo:**

1203 5225

**GMP+:**



GMP018172

**QS ID:**

4031735219906

Dry matter %	19.7
pH	3.3
Crude protein	290
Crude fat	84
Crude fibre	79
Crude ash	61
Starch total	37
Sugar	86
NSP	316
Calcium (Ca)	1.2
Sodium (Na)	1.2
Chloride (Cl)	2.4
Potassium (K)	18.2
Magnesium (Mg)	2.7
Phosphorus total (P)	9.6
Dig. Phosphorus	7.7
Sulfur	12.8
Glycerol	21.4
Lactic acid	56
Acetic acid	4



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	AID	SID
Dig. Lysine	9.3	9.7
Dig. Methionine	3.7	3.8
Dig. Methionine + Cystine	6.8	7.1
Dig. Threonine	7.1	7.6
Dig. Tryptophan	2.3	2.4
Dig. Isoleucine	7.7	8.0
Dig. Leucine	14.3	14.7
Dig. Valine	10.5	11.0
Energie value		
0.97		
NE pigs, kcal		
2038		
ME Schw., MJ		
10.9		

### Cattle values

DVE	132
OEB	108
nXP	240.64
FOS	592
VEM	1235
VEVI	1347
NEL	8.66
ME Rind, MJ	13.83

Levels are based on averages and stated in grams per kg of dry matter, unless stated otherwise. Changes in product composition are reserved.

### Feeding advice based on DS of total ration

Weaned piglets (up to 25 kg)	max 5%
Fattening pigs (25 - 50 kg)	max 8%
Fattening pigs (from 50 kg)	max 12%
Sows	max 10%
Dairy cattle	max 15 kg product in ration
Beef cattle	max 1,5 kg product / 100 kg body weight

### Logistics & Storage

Transport	Liquid with tank truck
Storage	In acid-resistant silo or bunker with agitator, regular stirring is desirable to prevent settling.
Shelf life	1 month, provided the silo or bunker is cleaned regularly
Nipple worthy	No



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