

## Livestock

### Nutribond®

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Nutribond® is a circular multifunctional feed ingredient of vegetable origin. Citric acid is produced during a fermentation process from natural molasses mixtures. The residual vinasse after fermentation is a vegetable cocktail of nutrients for animals and is part of the rations of ruminants and monogastrics. It is a low potassium vinasse that works excellently as a binder or pressing aid in all kinds of feeds. Nutribond® is rich in highly digestible proteins and organic acids that promote digestion, even in young animals. It also contains significant levels of betaine, a compound known for multiple health-promoting effects, including osmoregulation and methyl donation.

#### Quality

The product complies with applicable laws and regulations. Mycotoxins, insecticides, pesticides and herbicides are tested according to the applicable GMP+ standards.



**Valid from 03 January 2023**

Downloaded on 02 February 2026

Dry matter %	53.8
pH	3.9
Crude protein	360
Crude fat	3
Crude fibre	0
Crude ash	155
Starch total	0
Sugar	55
Calcium (Ca)	1.1
Sodium (Na)	41.4
Chloride (Cl)	19.5
Potassium (K)	26.0
Phosphorus total (P)	0.7
Dig. Phosphorus	0.5
Lactic acid	4
Acetic acid	1

	AID	SID
Dig. Lysine	2.4	2.7
Dig. Methionine	6.8	6.9
Dig. Methionine + Cystine	8.1	8.3
Dig. Threonine	2.5	3.1
Dig. Tryptophan	1.3	1.4
Dig. Isoleucine	3.8	4.1
Dig. Leucine	4.8	5.1
Dig. Valine	4.0	4.4
Energie value		
0.85		
NE pigs, kcal		
1790		
ME Schw., MJ		
9.9		

### Cattle values

DVE	55
OEB	239
FOS	883
VEM	
1021	
VEVI	
1105	

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

### Logistics & Storage

Transport	Liquid with tank truck
Storage	In acid-resistant silo with agitator, regular stirring is desirable to prevent settling. Prevent strong cooling-down.
Nipple worthy	No
Extra Comment	Note the level of Sodium and Chloride