

LUFA Nord-West - Institut für Futtermittel - Jägerstraße 23-27 - 26121 Oldenburg

Halmeko IE
Viensedzio Straße 5
13266 Stankutiskiu

Litauen

Your contact

Dr. Michael Egert
Phone: 0441 801 840
E-Mail: michael.egert@lufa-nord-west.de

Oldenburg, 06/08/2021

Report-version: 1

Analytical report

Customer-no.:	50192713	Date of receipt:	29/07/2021
Order-no.:	2703237	Beginning of the test:	02/08/2021
Sample no.:	21FU029679	Ending of test:	06/08/2021
Sample type:	Dried beet pulp		
Package:	Bag		
Description:	Sugar beet pellets / 2020, December		
Sampler:	by client		

Parameter	Unit	Results in original substance
Moisture <i>VO (EG) 152 Annex III, A; 2009</i>	%	14.6
Crude ash <i>VO (EG) 152 Annex III, M; 2009</i>	%	5.7
Crude protein (N x 6,25) <i>VO (EG) 152 Annex III, C; 2009</i>	%	8.1
Crude fat B (with HCl) <i>VO (EG) 152 Annex III, H; 2009</i>	%	1.1
Total sugars calc. as sucrose <i>VO (EG) 152 Annex III, J; 2009</i>	%	4.0
Crude fibre <i>VO (EG) 152 Annex III, I; 2009</i>	%	17.0
Nitrogen free extractives (NFE) <i>errechnet aus Weender Analyse</i>	%	53.6
ME-Horse <i>GfE 2014</i>	MJ/kg	8.1
DE-Horse <i>GfE 2003</i>	MJ/kg	9.0
Calcium (Ca) <i>ASU F 0096; 2019-07, #A1</i>	%	0.68
Phosphorus (P) <i>ASU F 0096; 2019-07, #A1</i>	%	0.08
Sodium (Na) <i>ASU F 0096; 2019-07, #A1</i>	%	< 0.02
Magnesium (Mg) <i>ASU F 0096; 2019-07, #A1</i>	%	0.20
Potassium (K) <i>ASU F 0096; 2019-07, #A1</i>	%	0.26

#2 = IfT, Oldenburg; #3 = IfL, Oldenburg; #4 = IfB, IfD, Hameln; #5 = Untersuchung erfolgte in Fremdlabor; #6 = unterliegt nicht der Akkreditierung;
„<...“ = Wert ist kleiner als die nebenstehende untere Grenze des Arbeitsbereiches bzw. der Bestimmungsgrenze
Digestion methods:#A1: VDLUFA VII, 2.1.3; 2011 (Mikrowellendruckaufschluss)

The results refer to the present material of the sample. It is not allowed to copy parts of this analytical report without authorization of the LUFA Nord-West. The accreditation is valid for the in D-PL-14165-01-00 listed scope.

Oldenburg, 06/08/2021

Report-version: 1

Analytical report

Customer-no.:	50192713	Date of receipt:	29/07/2021
Order-no.:	2703237	Beginning of the test:	02/08/2021
Sample no.:	21FU029679	Ending of test:	06/08/2021
Sample type:	Dried beet pulp		
Package:	Bag		
Description:	Sugar beet pellets / 2020, December		

Parameter	Unit	Results in original substance
Sulphur (S) <i>ASU F 0096; 2019-07, #A1</i>	%	0.17
Copper (Cu) <i>ASU F 0096; 2019-07, #A1</i>	mg/kg	3.52
Zinc (Zn) <i>ASU F 0096; 2019-07, #A1</i>	mg/kg	15.6
Manganese (Mn) <i>ASU F 0096; 2019-07, #A1</i>	mg/kg	44.5
Iron (Fe) <i>ASU F 0096; 2019-07, #A1</i>	mg/kg	872

On behalf of

Dr. Michael Egert
Head of Laboratory

This report was created automatically and is valid without a signature.