

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

Halmeko IE
Viensedzio Straße 5
13266 Stankutiskiu

Litauen

Your contact

Laura Draack
Phone: 0441 801847
IfF-Grundfutter@lufa-nord-west.de

Oldenburg, 05/09/2024

Report-version: 1

Preliminary Report

Customer-no.: 50192713
Order-no.: 4303084
Sample no.: **24FG013259**
Sample type: Hay
Harvest date: 28/06/2024
Description: Hay + alfalfa pellets

Date of receipt: 03/09/2024
Beginning of the test: 03/09/2024
Ending of test: -/-

Sampler: by client

Parameter <i>Method</i>	Results in original substance	calculated on Dry matter	Target value in Dry matter	Unit
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Appearance <i>LUFA Nord-West 1/3-185; 2015-02; #6</i>	normal/product-specific			
Odor <i>LUFA Nord-West 1/3-185; 2015-02; #6</i>	normal/product-specific			
Dry matter <i>VO (EG) 152 Anhang III, A; 2009</i>	89.2		> 85.0	%
Crude protein (N x 6,25) <i>VDLUFA III 31.2; 2004 (mod.)</i>	14.5	16.2	< 12.0	%
Crude fibre <i>VDLUFA III 31.2; 2004 (mod.)</i>	22.2	24.9	25.0 to 32.0	%
ADFom <i>VDLUFA III 31.2; 2004 (mod.)</i>	26.3	29.5		%
aNDFom <i>VDLUFA III 31.2; 2004 (mod.)</i>	48.7	54.6		%
Total sugars <i>VDLUFA III 31.2; 2004 (mod.)</i>	5.8	6.5	< 10.0	%
Fructan <i>VDLUFA III 31.2; 2004 (mod.)</i>	2.5	2.8	< 5.0	%
Crude fat <i>VDLUFA III 31.2; 2004 (mod.)</i>	2.8	3.1		%
Crude ash <i>VDLUFA III 31.2; 2004 (mod.)</i>	5.8	6.5	< 10.0	%
Sand <i>calculated; #6</i>	-	< 1.0	< 2.0	%
ME-Horse <i>Ber. gem. GfE, DLG u. FMV; #6</i>	7.6	8.5		MJ/kg
pcd CP (praec.digest. crudeprot.) <i>VDLUFA III 31.2; 2004 (mod.)</i>	9.3	10.4		%
NFC (Non-Fibre-Carbohydrates) <i>calculated; #6</i>	17.4	19.5		%
Calcium (Ca) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	0.93	1.04	0.35 to 0.70	%
Phosphorus (P) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	0.27	0.30	> 0.25	%

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Sodium (Na) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	< 0.02	< 0.02	> 0.10	%
Magnesium (Mg) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	0.23	0.26	0.15 to 0.40	%
Potassium (K) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	1.87	2.09	0.30 to 3.00	%
Sulphur (S) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	0.18	0.20	0.20 to 0.40	%
Copper (Cu) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	6	6	6 to 15	mg/kg
Zinc (Zn) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	21	24	50 to 200	mg/kg
Manganese (Mn) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	72	81	50 to 200	mg/kg
Iron (Fe) <i>ASU F 0096; 2019-06 / DIN EN 15621; 2017-10, #A1</i>	264	296	75 to 750	mg/kg

Durchschnitt Ernte 2023: TS 86,4 %; Rohprotein 8,3 %; Rohfaser 32,5 %; Rohasche 5,4 %; Zucker 12,1 %; NFC 20,2 %; Fruktan 6,4 %; pcv XP 5,1 %; ME-Pferd 7,3 MJ/kg

Parameter	Unit	Results in original substance
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Microbiological results

Salmonella spp. in 25g submitted later
DIN EN ISO 6579-1; 2020-08

On behalf of

Laura Draack
Laborbereichsleitung

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