

Nutritional Value analysis
Lucerne (alfalfa) hay
First cut mix

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Modified

Analysis Investigation/order number: 357234/005200165
Harvestdate: 20-05-2020

Results in gram/kg, unless stated differently.	Result product dry matter			Result dry matter			
	Result	Target value	Mean	Result	Target value	Mean	
DM	902	850-925	851	Crude ash	100	80-120	103
Structure value	4,6	2,6-4,0	4,1	Crude protein	170	180-230	177
				Crude fibre	363	210-320	322
				Sugar	49	10-80	0

Dutch feed value	Result dry matter			Result dry matter			
	Result	Target value	Mean	Result	Target value	Mean	
VEM	582	750-850	648	VOS	506	570-670	545
VEVI	523	760-880	605	FOSp	448	450-530	423
DVE	69	60-90	71	OEB 2 hours	39	50-90	49
OEB	25	40-100	34	FOSp 2 hours	132	120-190	91

Minerals	Result dry matter			Result dry matter			
	Result	Target value	Mean	Result	Target value	Mean	
Sodium	2,3	0,2-2,0	2,9	Manganese (mg)	31	20-80	37
Potassium	24,2	10-30	26,0	Zinc (mg)	16	20-35	21
Magnesium	2,8	2,0-5,0	2,7	Iron (mg)	200	100-500	374
Calcium	14,4	10,0-20,0	14,3	Copper (mg)	5,3	6,0-10,0	7,5
Phosphorus	2,3	1,5-4,0	2,6	Molybdenum (mg)	0,4	0,4-2,0	1,0
Sulphur	2,5	1,5-3,5	2,4	Iodine (mg)	0,2	0,2-0,6	0,2
Chlorine				Boron (mg)	34,0	15,0-40,0	
Cation Anion Bal (meq)				Cobalt (µg)	114	50-200	211
				Selenium (µg)	39	40-300	137

First cut mix

Note You receive a modified report.
The reason for this is:
CNCPS feeding results
This modification concerns:
CNCPS is added
This report replaces (Original report identification):
357234/005200165 d.d. 20102020

Remark **Nutritional value and analysis result**

Cattle: the calculated content of the following intestine digestible amino acids are roughly:
Lysine 4,1 g/kg DM
Methionine 1,4 g/kg DM

DVE 1991:
DVE-1991: 56 g DVE, 42 g OEB, 428 g FOS.

Contact & info Contact sample taking:
Han v/d Goor: 0888761010

Date sampling 11-10-2020
Date report 23-10-2020

ABBREVIATIONS USED:
mg milligram
(1 mg = 1 thousandth gram)
µg microgram
(1 µg = 1 millionth gram)

DM Dry matter
VOS Digestible Organic Matter
Structure value Structure value/kg DM (CVB 1998)

MODIFIED REPORT
This report supersedes all earlier versions sent under the same number on the basis of "date report".

NDICP Neutral Detergent Insoluble Cr.Prot.
ADICP Acid detergent Insoluble Cr.Protein

Method

Dry matter	Q	Em: GEWAS.OVB
Crude ash	Q	Em: VAS1
Crude protein (for silage: ammonia-free)		Em: NIRS
Crude fibre		Em: NIRS
Sugar		Em: NIRS
Minerals	Q	Em: SPZ2:(Gw NEN 6966)
Molybdenum (mg)	Q	Em: SPZ2:(Cf NEN 17294-2)
Iodine (mg)		Em: SPZ2:(Cf NEN 17294-2)
Cobalt (µg)	Q	Em: SPZ2:(Cf NEN 17294-2)

Selenium (µg) Q Em: SPZ2:(Cf NEN 17294-2)

Em Method Eurofins Agro
Gw; Cf Equivalent of; In conformity with
Q Method accredited by RvA
The analyses were done at Eurofins Agro Wageningen (NL).

All procedures have been completed within the maximum shelf life between sampling and analysis.
The reported results only refer to the material supplied to Eurofins Agro on 14-10-2020