



Farm: MIKS TREYD
Desc: COMPOUND FEED AMINOPAK
Submitter: NOVA, LABORATORY
Account: NOVA LABORATORY

Copies to: LAB NOVA LLC

Lab ID: 31666 116
Sampled: 12/23/2021
Arrived: 01/25/2022
Completed: 02/17/2022
Reported: 02/17/2022

COMPOUND FEED AMINOPAK

SAMPLE INFORMATION

Lab ID: 31666 116 Series:
Crop Year: 2022 Version: 1.0
Cutting#:
Feed Type: Concentrates

CHEMISTRY ANALYSIS RESULTS

Moisture 9.0
Dry Matter 91.0

PROTEINS

	% SP	% CP	% DM
Crude Protein			55.7
Adjusted Protein			55.7
Soluble Protein	35.5		19.8
Ammonia (CPE)			
ADF Protein (ADICP)	9.5		5.27
NDF Protein (NDICP)	13.3		7.41
NDR Protein (NDRCP)			
Rumen Degr. Protein			

FIBER

	% NDF	% DM
ADF	46.4	10.9
aNDF		23.5
aNDFom		
NDR (NDF w/o sulfite)		
Crude Fiber		
Lignin	27.34	6.42
NDF Digestibility (12 hr)		
NDF Digestibility (24 hr)		
NDF Digestibility (30 hr)		
NDF Digestibility (72 hr)		
NDF Digestibility (240 hr)		
uNDF (30 hr)		
uNDF (240 hr)		

CARBOHYDRATES

	% Starch	% NFC	% DM
Silage Acids			
Ethanol Soluble CHO (ESC-Sugar)			3.1
Water Soluble CHO (WSC-Sugar)			
Starch	45.5		1.1
Soluble Starch			
Soluble Fiber			
Starch Digestibility (7 hr)			
Crude Fat			18.00
Fatty Acids, Total (%DM)			
Acid Hydrolysis Fat			

MINERALS

Ash (%DM)	7.89
Calcium (%DM)	1.50
Phosphorus (%DM)	1.04
Magnesium (%DM)	0.22
Potassium (%DM)	0.81
Sulfur (%DM)	1.82
Sodium (%DM)	0.48
Chloride (%DM)	0.28
Iron (PPM)	366
Manganese (PPM)	28
Zinc (PPM)	74
Copper (PPM)	14
Molybdenum (PPM)	

FERMENTATION

pH
Total VFA
Lactic Acid (%DM)
Lactic as % of Total VFA
Acetic Acid (%DM)
Propionic Acid (%DM)
Butyric Acid (%DM)
Isobutyric Acid (%DM)
1, 2 Propanediol (%DM)
Nitrate Ion (%DM)
Nitrate-Nitrogen, ppm

ENERGY & INDEX CALCULATIONS

TDN (%DM)	86.6
Net Energy Lactation (mj/kg)	8.37
Net Energy Maintenance (mj/kg)	9.87
Net Energy Gain (mj/kg)	6.90
ME (mj/kg)	14.24
NDF Dig. Rate (Kd, %HR, Van Amburgh, Lignin*2.4)	
NDF Dig. Rate (Kd, %HR, Van Amburgh, iNDF)	
Relative Feed Value (RFV)	
Relative Forage Quality (RFQ)	
Milk per Ton (kg/tonne)	
Dig. Organic Matter Index (kg/tonne)	
Non Fiber Carbohydrates (%DM)	2.4
Non Structural Carbohydrates, ESC (%DM)	4.2
DCAD (meq/100gdm)	-80.3

Additional sample information, submitted documents and lab pictures linked to QR code





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Additional Memo

MSPE is pending.

