



Farm: MIKS TREYD
Desc: BVMD TRANSIT-M
Submitter: NOVA, LABORATORY
Account: NOVA LABORATORY

Copies to: LAB NOVA LLC

Lab ID: 32523 247
Sampled: 08/18/2022
Arrived: 08/24/2022
Completed: 09/15/2022
Reported: 09/15/2022

BVMD TRANSIT-M

SAMPLE INFORMATION

Lab ID: 32523 247 Series:
Crop Year: 2022 Version: 1.0
Cutting#:
Feed Type: HIGH PROTEIN BLENDS

CHEMISTRY ANALYSIS RESULTS

Moisture 5.9
Dry Matter 94.1

PROTEINS % SP % CP % DM

Crude Protein 56.4
Adjusted Protein 91.8 51.8
Soluble Protein 30.8 17.4
Ammonia (CPE)
ADF Protein (ADICP) 15.1 8.53
NDF Protein (NDICP) 23.0 12.96
NDR Protein (NDRCP)
Rumen Degr. Protein

FIBER % NDF % DM

ADF 42.1 14.4
aNDF 34.3
aNDFom
NDR (NDF w/o sulfite)
Crude Fiber
Lignin 16.10 5.52
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) 4.0 0.2
Water Soluble CHO (WSC-Sugar)
Starch 2.4 0.1
Soluble Starch
Soluble Fiber
Starch Digestibility (7 hr)
Crude Fat 9.94
Fatty Acids, Total (%DM)
Acid Hydrolysis Fat

MINERALS

Ash (%DM) 7.39
Calcium (%DM) 1.81
Phosphorus (%DM) 0.88
Magnesium (%DM) 0.11
Potassium (%DM) 0.50
Sulfur (%DM) 0.91
Sodium (%DM) 0.25
Chloride (%DM) 0.30
Iron (PPM) 461
Manganese (PPM) 13
Zinc (PPM) 73
Copper (PPM) 20
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) 72.0
Net Energy Lactation (mj/kg) 6.88
Net Energy Maintenance (mj/kg) 7.65
Net Energy Gain (mj/kg) 5.01
ME (mj/kg) 11.54
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) 4.9
Non Structural Carbohydrates, ESC (%DM) 0.3
DCAD (meq/100gdm) -41.8

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





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Additional Memo

MSPE is pending.

