



NOVAMEAL®

DRY MATTER BASIS

Dry Matter	87%
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PROTEIN*

Crude Protein, %DM	34.3
Soluble Protein, %CP	24.5
RDP, %CP	13.5
RUP, %CP	86.5
RUP Digestibility, %RUP	83.2
Digestible RUP, %DM	24.7
ADIP, %DM	3.49
NDIP, %DM	5.00

FAT***	%DM
Ether Extract	2.71
Linoleic Fatty Acid	1.93

MINERALS DM

Ash	5.99%
Calcium	0.09%
Phosphorus	1.00%
Magnesium	0.41%
Potassium	1.39%
Sulfur	0.63%
Sodium	0.20%
Chloride	0.21%
Iron	101 ppm
Manganese	19 ppm
Zinc	71 ppm
Copper	5 ppm

*Average analysis collected from weekly or bimonthly composite samples from July 20, 2020 to June 5, 2022 production and tested by Cumberland Valley Analytical Services. Protein analysis from the Multi-Step Protein Evaluation using freeze drying. Other specifications from wet chemistry. **Amino Acid profile is the average of CVAS Analysis 32688077, 33374048, 33587035. ***Ether extract is representative of an average of biweekly samples from April 19, 2021 to June 5, 2022 due to altered production to increase extraction efficiency. Linoleic fatty acid is representative of an average samples from March 15, 2021 to September 5, 2021.

AMINO ACIDS**	%DM	%CP
Arginine	1.52	4.44
Histidine	0.87	2.53
Isoleucine	1.28	3.74
Leucine	4.09	11.93
Lysine	1.13	3.29
Methionine	0.64	1.86
Phenylalanine	1.68	4.90
Threonine	1.25	3.65
Tryptophan	0.30	0.86
Valine	1.73	5.05
Total EAA	14.50	42.26

CARBOHYDRATES DM

Crude Fiber	8.17%
ADF	14.18%
aNDFom	35.49%
Lignin	3.06%
Sugar (ESC)	7.37%
Starch	3.04%
Soluble Fiber	16.09%
NFC	24.71%
TDN	69.43%
NEL	0.72 Mcal/lb
NEG	0.54 Mcal/lb
NEM	0.78 Mcal/lb
ME	1.20 Mcal/lb

POOLS	%DM	RATE (%/H)	INT. DIG.
CHO A1	0	0	0
CHO A4	7.37	40	100
CHO B1	3.04	17	75
CHO B2	16.09	30	75
CHO B3	32.43	7.2	20
CHO C	3.06	0	0
PRO A1	0	200	100
PRO A2	8.40	10.4	100
PRO B1	21.05	1.8	100
PRO B2	1.57	1.5	80
PRO C	3.29	0	0



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