

Company

collinsm246

Full analysis 3/17/2015

**Cs1p09089616 - INNOVAD. NOVIMET (Rumen
Bypass Methionine)** 3/6/2015

Nutrient	Um	AF	DM
Moisture	%	2.000	
D.M.	%	98.000	100.000
C.F.	%		
aNDFom	%		
ADF	%		
ADL	%		
Forage NDF	%		
peNDF	%		
NFC	%	1.587	1.620
Total CHO	%	1.587	1.620
Acetic	%		
Propionic	%		
Butyric	%		
Lactic	%		
Org. Acids	%		
Sugar	%		
Starch	%		
Soluble Fiber	%	1.587	1.620
CHO B3 Lig*2.4	%		

Nutrient	Um	AF	DM
CHO C Lig*2.4	%		
CHO C uNDF	%		
CHO B3 uNDF	%		
RD CHO 3x Level 1	%	1.301	1.328
RD Starch 3xLevel 1	%		
Forage	%		
Concentrate	%		100.000
CP	%	50.000	51.020
Soluble Protein	%	13.500	13.775
Ammonia (Prot.A1)	%		
NDIP	%		
ADIP	%		
Prot. A2	%	13.500	13.775
Prot. B1	%	36.500	37.245
Prot. B2	%		
RDP 3x Level 1	%	14.515	14.811
RUP 1x Level 1	%	30.271	30.888
RUP 3x Level 1	%	35.485	36.209
PDIN	%		
PDIE	%		
PDIA	%		
dE INRA	unit		
dSO INRA	unit		
dr INRA	unit		
DT N	unit		
FOM INRA	%		
Ferm.Products	g/lbs		

Nutrient	Um	AF	DM
GE	Mcal/lbs		
DE	Mcal/lbs		
ME NRC	Mcal/lbs	2.147	2.191
NEI 3x NRC	Mcal/lbs	1.546	1.577
NEm NRC	Mcal/lbs	1.425	1.454
NEg NRC	Mcal/lbs	1.034	1.055
UFL	unit/lbs		
UFC	unit/lbs		
TDN 1x	%	121.915	124.403
EE	%	42.140	43.000
EE 1	%	42.140	43.000
EE 2	%		
EE 3	%		
TFA	%	42.140	43.000
Glycerol	%		
Pigment	%		
C12:0	%	0.294	0.300
C14:0	%	0.686	0.700
C16:0	%	24.500	25.000
C16:1	%		
C18:0	%	16.660	17.000
C18:1T	%		
C18:1C	%		
C18:2	%		
C18:3	%		
EPA	%		
DPA	%		

Nutrient	Um	AF	DM
DHA	%		
Other LCFA	%		
ID rC12:0			95.390
ID rC14:0			75.060
ID rC16:0			72.480
ID rC16:1			72.000
ID rC18:0			72.800
ID rC18:1T			80.000
ID rC18:1C			80.000
ID rC18:2			83.000
ID rC18:3			77.550
ID rC20:5 n-3			77.550
ID rC22:5 n-3			77.550
ID rC22:6 n-3			77.550
ID r Other LCFA			58.710
Ash	%	4.273	4.360
Ca	%	2.401	2.450
P	%		
Mg	%		
K	%		
Na	%		
Cl	%		
S	%	1.180	1.204
NaCl	%		
S - Sulfates	%	1.180	1.204
Ca Bio.	g/g		0.600
P Bio.	g/g		0.700

Nutrient	Um	AF	DM
Mg Bio.	g/g		0.200
K Bio.	g/g		0.900
Na Bio.	g/g		0.900
Cl Bio.	g/g		0.900
S Bio.	g/g		1.000
Mn - total	ppm		
Cu - total	ppm		
Fe - total	ppm	98.000	100.000
Zn - total	ppm		
I - total	ppm		
Co - total	ppm		
Se - total	ppm		
Mo - total	ppm		
Cr - total	ppm		
Mn - added	ppm		
Cu - added	ppm		
Fe - added	ppm		
Zn - added	ppm		
I - added	ppm		
Co - added	ppm		
Se - added	ppm		
Mo - added	ppm		
TRUE PROTEIN	%	50.000	51.020
Mn Bio.	mg/mg		
Cu Bio.	mg/mg		
Fe Bio.	mg/mg		0.100
Zn Bio.	mg/mg		0.200

Nutrient	Um	AF	DM
I Bio.	mg/mg		0.900
Co Bio.	mg/mg		1.000
Se Bio.	mg/mg		1.000
Mo Bio.	mg/mg		
Cr Bio.	mg/mg		
Org. Mn	ppm		
Org. Cu	ppm		
Org. Zn	ppm		
Org. Co	ppm		
Org. Se	ppm		
Org. Cr	ppm		
MET	%	50.000	51.020
LYS	%		
ARG	%		
THR	%		
LEU	%		
ILE	%		
VAL	%		
HIS	%		
PHE	%		
TRP	%		
MET	%CP		100.000
LYS	%CP		
ARG	%CP		
THR	%CP		
LEU	%CP		
ILE	%CP		

Nutrient	Um	AF	DM
VAL	%CP		
HIS	%CP		
PHE	%CP		
TRP	%CP		
Vit. A	IU/lbs		
Vit. D3	IU/lbs		
Vit. E	IU/lbs		
Vit. PP	mg/lbs		
Vit. B1	mg/lbs		
Vit. B2	mg/lbs		
Vit. B6	mg/lbs		
Pant.Acid	mg/lbs		
Vit. B12	mg/lbs		
Choline	mg/lbs		
Biotin	mg/lbs		
Betain	mg/lbs		
Vit. C	mg/lbs		
Vit. H1	mg/lbs		
Fumaric Acid	mg/lbs		
Folic Acid	mg/lbs		
Vit.A Bio.	UI/UI		1.000
Vit.D3 Bio.	UI/UI		1.000
Vit.E Bio	UI/UI		1.000
Kd CHO A1	%/hr		
Kd CHO A2	%/hr		7.000
Kd CHO A3	%/hr		5.000
Kd CHO A4	%/hr		40.000

Nutrient	Um	AF	DM
Kd CHO B1	%/hr		30.000
Kd CHO B2	%/hr		30.000
Kd CHO B3	%/hr		6.000
Kd CHO C	%/hr		
Kd PRO A1	%/hr		200.000
Kd PRO A2	%/hr		10.000
Kd PRO B1	%/hr		2.000
Kd PRO B2	%/hr		
Kd PRO C	%/hr		
Lipolysis	%/hr		22.000
Adj Factor			
Int.Dig.CHO A1	%escape		100.000
Int.Dig.CHO A2	%escape		100.000
Int.Dig.CHO A3	%escape		100.000
Int.Dig.CHO A4	%escape		100.000
Int.Dig.CHO B1	%escape		75.000
Int.Dig.CHO B2	%escape		75.000
Int.Dig.CHO B3	%escape		20.000
Int.Dig.CHO C	%escape		
Int.Dig.PRO A1	%escape		100.000
Int.Dig.PRO A2	%escape		100.000
Int.Dig.PRO B1	%escape		91.000
Int.Dig.PRO B2	%escape		80.000
Int.Dig.PRO C	%escape		
Int.Dig.FAT	%escape		50.000
Int.Dig.ASH	%escape		95.400