

AminoShure®-XM

Precision Release Methionine

— **NEXT Generation** —

Nutrient Composition (100% DM Basis) for NASEM 2021 Model

<u>Nutrient</u>	<u>Quantity</u>	<u>Feed Fractions</u>	<u>Parameters</u>
Dry Matter	99%	NASEM 2021 Model Inputs	
Protein		Category	Plant Protein
Crude Protein %	73.25	Energy Equation Class	Concentrate
RDP % DM	14.65	PAF	1.0
RUP % DM	58.6	DM, % as fed	99.0
RUP (%CP)	80	CP, % DM	73.25
Soluble Protein (%CP)	7.3	Protein A, % CP	5.35
ADICP %	0	Protein B, % CP	14.65
NDICP, %	0	Protein C, % CP	80.0
Amino Acids		Protein Digestion Rate, %/h	1.0
Methionine (%RUP)	95.56	RUP Digestion, %	75.1
Lysine (%RUP)	4.44	Fat, % DM	25.95
Carbohydrates		Ash, % DM	0.80
ADF %	0	Sulfur, % DM	15.02
NDF %	0	CP Digestibility	1.0
peNDF (%NDF)	0	Fat Digestibility	0.74
NFC %	0	Methionine, % CP	95.56
Fat		Lysine, % CP	4.44
Ether Extract %	25.95		
Energy Values			
Metabolizable Energy - 3X	1.47 Mcal/lb		
Net Energy Lactation - 3X	0.95 Mcal/lb		
Net Energy Gain - 3X	0.74 Mcal/lb		
Net Energy Maintenance	0.95 Mcal/lb		
Minerals			
Ash, % DM	0.80		
Sulfur, % DM	15.02		