

AminoShure™-L

Rumen-Protected Lysine

Encapsulated L-Lysine (L-Lysine HCl) for use as an animal feed ingredient IFN 5-19-118

Product Specifications:

Substrate composition: L-Lysine HCl

Substrate content: 45% minimum

Appearance: Tan to light brown free-flowing granules

Particle Size: Maximum 2% retained on # 8 mesh screen

Ingredients: L-Lysine HCl, Fat product – feed grade

Feeding Directions: Rumen protected L-Lysine for dry and lactating dairy cattle. Use in accordance with NRC 2001 guidelines or local feed regulations. Recommended inclusion rate is 20 – 60 grams (0.04 to 0.10 pounds) per head per day.

Storage Conditions: Store in a clean, dry environment. Protect from heat. Do not exceed 49° C (120° F). Recommended storage temperature is 10° C to 32° C (50° F to 90° F).

Packaging:

Bags

Poly-lined bags

Net weight = 20 kg (44 lbs)

Pallet/Skid

50 bags per pallet

*Net weight = 1,000 kg (2,205 lbs)
Pallets are wrapped with
60 – 80 gauge stretch film*

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Nutrient Composition – 100% Dry Matter Basis

Nutrient	Quantity	Feed Fractions	Parameters
Dry Matter	99%	NRC Model	
Protein		Category	Plant Protein
Crude Protein %	38.0	Energy Equation Class	Concentrate
RDP % DM	5.7	PAF	1.0
RUP % DM	32.3	TDN % DM	150.50
RUP (%CP)	85	DE Mcal/kg	6.79
Soluble Protein (%CP)	15	Protein A % CP	0
ADICP %	0	Protein B % CP	20
NDICP %	0	Protein C % CP	80
Amino Acids		Protein Digestion Rate %/h	40
Lysine (%RUP)	100	RUP Digestion %	80
Methionine (%RUP)	0	CP Digestibility	1.0
Arginine (%RUP)	0	NDF Digestibility	0
Histidine (%RUP)	0	Fat Digestibility	0.80
Carbohydrates		Lysine % CP	100
ADF %	0	Methionine % CP	0
NDF %	0	Arginine % CP	0
peNDF (%NDF)	0	Histidine % CP	0
NFC %	0	CPM and CNCPS Models	
Fat		Protein A (%CP)	0
Ether Extract %	53	Protein B1 (% CP)	15
Energy Values		Protein B2 (% CP)	85
Metabolizable Energy – 3X	3.08 Mcal/lb	Protein B3 (% CP)	0
Net Energy Lactation – 3X	1.98 Mcal/lb	Protein A Rate (%/h)	1000
Net Energy Gain – 3X	1.55 Mcal/lb	Protein B1 Rate (%/h)	200
Net Energy Maintenance	1.98 Mcal/lb	Protein B2 Rate (%/h)	0.50
Minerals		Protein B3 Rate (%/h)	0.10
Ash %	9.0	Protein A Intestinal Digestibility	100
Chloride %	9.0	Protein B1 Intestinal Digestibility	100
		Protein B2 Intestinal Digestibility	80
		Protein B3 Intestinal Digestibility	80