



# EXL LIPEX.FA369<sup>®</sup>

Product No. 2369

## Product Information

1110 E 9th Street • Stromsburg, NE 68666  
402-764-2221 • Fax 402-764-2250

### EXL LIPEX.FA369

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A PROTEIN AND ENERGY SUPPLEMENT  
FOR SWINE, POULTRY, EQUINE, CANINE AND OTHER  
MONOGASTRIC ANIMALS

#### GUARANTEED ANALYSIS (as fed)

Protein, min ..... 20.00%  
Crude Fat, min ..... 41.00%  
Crude Fiber, max ..... 7.00%

#### INGREDIENTS

Processed Whole Flax Seed, Processed Whole Canola  
Seed and Canola Meal

#### Packaging:

- 20 lb (9.07 kg) pail

#### Storage:

- Store in a cool dry place.
- Store in a sealed container to maintain freshness.

#### EXL LIPEX.FA369 is...

*...a proprietary blend of whole flax seeds and canola seeds processed under strict controls so as to protect and preserve the delicate and valuable essential fatty acids contained within their oils.*

- Manufactured under certified HACCP standards.
- A granular free-flowing product ideal for use in meal, pelleted and liquid feeds.
- Antibiotic Free.
- Extremely palatable

#### EXL LIPEX.FA369 provides:

- A high quality dietary source of:
  - Protein (essential amino acids)
  - Vegetable oils (essential fatty acids)
    - ✓ Rich in **Omega 3, 6 & 9**
    - ✓ **Omega-3** ( $\alpha$ -linolenic acid) and **Omega-6** (linoleic acid) are dietary “essentials”, as they are not formed by our bodies.
  - Natural Vitamin E
- Omega 6:3 at a 1:1 ratio
- Omega-3 fatty acids are needed for their many important functions, such as:
  - Optimizing reproductive performance.
  - Supporting a robust immune system.
  - Minimizing the effects of stress by suppressing cortisol production.

#### EXL LIPEX.FA369 feeding directions:

- Formulate to desired dietary Omega-3 level.
- Formulate to an Omega 6:3 ratio of approximately 4.5:1.
- EXL LIPEX.FA369 may be mixed and blended into the complete diet, or presented as a top-dress or a treat so as to achieve the following feeding rates.

Species	Oz/Head/Day
<b>Swine</b>	
Gestation	2 – 3 oz
Lactation	12 – 16 oz
Nursery	1 – 2 oz
Grower	2 – 4 oz
Finisher	4 – 5 oz
<b>Poultry</b>	0.25 – 0.5 oz
<b>Equine</b>	8 – 16 oz
<b>Dogs</b>	1 – 4 oz



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## Technical Information

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### Typical Nutrient Analysis (as fed)

Proximate Analysis		Amino Acids	
Moisture, %	4.89	Arginine, %	1.75
Dry Matter, %	95.11	Histidine, %	0.59
Crude Protein, %	21.47	Isoleucine, %	0.91
Fat (Acid Hydrolysis), %	43.56	Leucine, %	1.25
Crude fiber, %	5.94	Lysine (total), %	1.15
Ash, %	4.04	Methionine, %	0.41
TDN, %	120.00	Cystine, %	0.45
DE Swine, Kcal/lb	2,370	Meth + Cystine, %	0.86
ME Swine, Kcal/lb	2,264	Threonine, %	0.81
NE Swine, Kcal/lb	1,829	Tryptophan, %	0.23
ME Poultry, Kcal/lb	2,078	Valine, %	1.01
		Alanine, %	1.10
		Glycine, %	1.08
Vitamins & Minerals		Fatty Acids & Essential Fatty Acids	
Natural Vitamin E, mg/lb	73.50	Palmitic (C-16:0), %	2.28
Calcium, %	0.32	Stearic (C-18:0), %	0.90
Phosphorous, %	0.69	Oleic (C-18:1, ω-9), %	20.62
Potassium, %	0.75	Linoleic (C-18:2, ω-6), %	8.20
Magnesium, %	0.33	Linolenic (C-18:3, ω-3), %	8.32
Sodium, %	0.01	Omega 6:3 ratio	1:1
Chloride, %	0.03		
Iron, ppm	65.00		
Manganese, ppm	32.00		
Copper, ppm	7.00		
Zinc, ppm	35.50		