

**Table 1. Nutrient Guarantees Required by Species  
under the AAFCO Model Bill and Regulations<sup>1</sup>**

Nutrient	Complete and Supplement Feeds <sup>1</sup>						
	Swine	Poultry	Beef	Dairy	Equine	Goat	Sheep
Crude Protein, min %	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NPN, max %	No	No	a/	a/	No	a/	a/
Lysine, min %	Yes	Yes	No	No	No	No	No
Methionine, min %	No	Yes	No	No	No	No	No
Crude Fat, min %	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Crude Fiber, max %	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ADF, max %	No	No	No	Yes	No	Yes	No
Calcium, min and max %	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Phosphorus, min %	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Salt, min and max %	a/	a/	a/	No	No	a/	a/
Sodium, min and max %	b/	b/	b/	No	No	b/	b/
Magnesium, min %	No	No	No	No	No	No	No
Potassium, min %	No	No	Yes	No	No	No	No
Copper, min ppm (e/)	No	No	No	No	Yes	f/	c/
Selenium, min ppm (e/)	Yes	No	No	Yes	Yes	Yes	Yes
Zinc, min ppm (e/)	Yes	No	No	No	Yes	No	No
Vitamin A, min IU/lb	No	No	a/	a/	a/	a/	a/

Nutrient	Complete and Supplement Feeds <sup>1</sup>				Mineral Feeds <sup>1</sup>		
	Duck/ Geese	Fish	Rabbit	Veal/Herd Milk Replacer	Beef	Dairy	Equine
Crude Protein, min %	Yes	Yes	Yes	Yes	No	No	No
NPN, max %	No	No	No	No	No	No	No
Lysine, min %	No	No	No	No	No	No	No
Methionine, min %	No	No	No	No	No	No	No
Crude Fat, min %	Yes	Yes	Yes	Yes	No	No	No
Crude Fiber, max %	Yes	Yes	d/	Yes	No	No	No
ADF, max %	No	No	No	No	No	No	No
Calcium, min and max %	Yes	No	Yes	Yes	a/	a/	Yes
Phosphorus, min %	Yes	Yes	Yes	Yes	a/	a/	Yes
Salt, min and max %	a/	No	a/	No	a/	a/	a/
Sodium, min and max %	b/	No	b/	No	b/	b/	b/

Nutrient	Complete and Supplement Feeds <sup>1</sup>				Mineral Feeds <sup>1</sup>		
	Duck/ Geese	Fish	Rabbit	Veal/Herd Milk Replacer	Beef	Dairy	Equine
Magnesium, min %	No	No	No	No	a/	a/	No
Potassium, min %	No	No	No	No	a/	a/	No
Copper, min ppm (e/)	No	No	No	No	a/	No	Yes
Selenium, min ppm (e/)	No	No	No	No	a/	a/	Yes
Zinc, min ppm (e/)	No	No	No	No	a/	No	Yes
Vitamin A, min IU/lb	No	No	a/	a/	a/	a/	a/

1/ All guarantees in this table are subject to the exemptions in model regulation 3 (a) 4 section XII. Typically, if the feed is not intended or represented to be a principal source of the nutrient then a guarantee is not required, but can be voluntarily provided by the guarantor.

a/ Guarantee required only when nutrient source is added. .

b/ Sodium guarantee required only when total sodium exceeds that furnished by the maximum salt guarantee.

c/ Copper minimum and maximum guarantee for sheep required when added or level exceeds 20 ppm.

d/ Rabbit feeds require minimum and maximum crude fiber guarantee (range not to exceed 5.0 units).

e/ Guarantee shall be stated in ppm when less than 10,000 ppm and in percentage when concentration is 10,000 ppm (1%) or greater.

f/ Minimum and maximum in parts per million (ppm) (if added).