

No Lysine Amino Acid Diet

Formula	g/Kg
L-Alanine	3.5
L-Arginine HCl	12.1
L-Asparagine	6.0
L-Aspartic Acid	3.5
L-Cystine	3.5
L-Glutamic Acid	40.0
Glycine	23.3
L-Histidine HCl, monohydrate	4.5
L-Isoleucine	8.2
L-Leucine	11.1
L-Methionine	8.2
L-Phenylalanine	7.5
L-Proline	3.5
L-Serine	3.5
L-Threonine	8.2
L-Tryptophan	1.8
L-Tyrosine	5.0
L-Valine	8.2
Sucrose	508.88
Corn Starch	150.0
Corn Oil	100.0
Cellulose	30.0
Mineral Mix, AIN-76 (170915)	35.0
Calcium Phosphate, dibasic	4.5
Vitamin Mix, Teklad (40060)	10.0
Ethoxyquin, antioxidant	0.02

Footnote

Lysine is omitted and replaced with sucrose. Cited in Cell 134:353-364, 2008. A modification of the amino acid defined diet TD.86529.

Key Features

- + Amino Acid Defined Diet
- + Lysine Omitted
- + Rodent

Selected Nutrient Information¹

	% by weight	% kcal from
Protein	13.6	13.4
CHO	65.2	64.4
Fat	10.0	22.2

Kcal/g 4.1

¹ Calculated values

² Protein based on N x 6.25

Teklad Diets are designed & manufactured for research purposes only.

Key Planning Information

- + Products are made fresh to order
- + Store product at 4°C or lower
- + Use within 6 months (applicable to most diets)
- + Box labeled with product name, manufacturing date, and lot number
- + Replace diet at minimum once per week
More frequent replacement may be advised
- + Lead time:
 - 2 weeks non-irradiated
 - 4 weeks irradiated

Product Specific Information

- + 1/2" Pellet or Powder (free flowing)
- + Minimum order 3 Kg
- + Irradiation available upon request

Options (Fees Will Apply)

- + Rush order (pending availability)
- + Irradiation (see Product Specific Information)
- + Vacuum packaging (1 and 2 Kg)

Speak With A Nutritionist

- + (800) 483-5523
- + askanutritionist@envigo.com



Contact Us

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- + teklad@envigo.com
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