

TD.88137

Adjusted Calories Diet (42% from fat)

Formula	g/Kg
Casein	195.0
DL-Methionine	3.0
Sucrose	341.46
Corn Starch	150.0
Anhydrous Milkfat	210.0
Cholesterol	1.5
Cellulose	50.0
Mineral Mix, AIN-76 (170915)	35.0
Calcium Carbonate	4.0
Vitamin Mix, Teklad (40060)	10.0
Ethoxyquin, antioxidant	0.04

Footnote

TD.88137 is often referred to as the Western Diet in the cardiovascular literature. The formula originated with researchers at Rockefeller University and is used primarily with genetically manipulated mouse models that are susceptible to atherosclerosis. The diet may also be useful in diet-induced obesity, diabetes, and metabolic syndrome models. Key features include: 0.2% total cholesterol, saturated fat >60% total fat, and high sucrose. TD.05230 and TD.08485 are possible ingredient matches, low fat controls. For modifications or additional information contact askanutritionist@inotivco.com.

Selected Nutrient Information ¹

	% by weight	% kcal from
Protein	17.3	15.2
Carbohydrate	48.5	42.7
Fat	21.2	42.0
Kcal/g	4.5	

¹ Values are calculated from ingredient analysis or manufacturer data

Collaborate with a Nutritionist

- askanutritionist@inotiv.com

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Teklad™ Custom Diets, Madison, WI | inotivco.com



Key Features

- Purified Diet
- Western Diet
- Cholesterol, Saturated Fat, Sucrose
- Atherogenic & Obesogenic

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 (crumbly)
- 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)

Place Your Order (USA & Canada)

Please Choose One

- www.inotivco.com/teklad-orders
- tekladorders@inotiv.com
- 800.483.5523

Price Quotes | Order Status

- teklad@inotiv.com

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Macronutrients		
Protein	%	17.3
Carbohydrates	%	48.5
Fat	%	21.2
Fiber	%	5.0
Energy Density kcal/g 4.5		
Calories from:		
Protein	%	15.2
Carbohydrates	%	42.7
Fat	%	42.0

Amino Acids		
Lysine	g/kg	13.7
Methionine	g/kg	7.5
Cystine	g/kg	0.5
Arginine	g/kg	6.4
Phenylalanine	g/kg	8.6
Tyrosine	g/kg	9.0
Histidine	g/kg	4.9
Isoleucine	g/kg	9.8
Leucine	g/kg	15.6
Threonine	g/kg	7.4
Tryptophan	g/kg	2.0
Valine	g/kg	11.7
Aspartic Acid	g/kg	11.7
Glutamic Acid	g/kg	35.5
Alanine	g/kg	5.1
Glycine	g/kg	3.1
Proline	g/kg	17.6
Serine	g/kg	9.8

Vitamins		
Vitamin A	IU/kg	26292
Vitamin D	IU/kg	2203
Vitamin E	IU/kg	121
Vitamin K	mg/kg	49.6
Biotin	mg/kg	0.44
Choline	mg/kg	1406
Folic Acid	mg/kg	2.0
Niacin	mg/kg	99.1
Pantothenate	mg/kg	61
Riboflavin	mg/kg	22.0
Thiamin	mg/kg	18
Vitamin B ₆	mg/kg	18.1
Vitamin B ₁₂	mg/kg	0.03
Vitamin C	mg/kg	991.2

Minerals		
Calcium	g/kg	6.8
Phosphorus	g/kg	5.4
Potassium	g/kg	3.6
Sodium	g/kg	1.0
Chlorine	g/kg	1.6
Magnesium	g/kg	0.5
Copper	mg/kg	6.0
Iron	mg/kg	36.7
Zinc	mg/kg	40.3
Manganese	mg/kg	58.5
Iodine	mg/kg	0.21
Selenium	mg/kg	0.11
Molybdenum	mg/kg	0.00
Chromium	mg/kg	2.00

Fatty Acids		
Total Fat	g/kg	212.0
Saturated Fat	g/kg	132.3
Monounsaturated Fat	g/kg	60.9
Polyunsaturated Fat	g/kg	8.4
Saturated Fat	% of fat	62.4
Monounsaturated Fat	% of fat	28.7
Polyunsaturated Fat	% of fat	4.0
4:0 Butyric	g/kg	4.2
6:0 Caproic	g/kg	3.2
8:0 Caprylic	g/kg	2.1
10:0 Capric	g/kg	5.3
12:0 Lauric	g/kg	6.3
14:0 Myristic	g/kg	23.1
16:0 Palmitic	g/kg	60.9
16:1 Palmitoleic	g/kg	3.2
18:0 Stearic	g/kg	27.3
18:1 Oleic	g/kg	56.7
18:2 Linoleic	g/kg	8.4
18:3 Linolenic	g/kg	1.1

Other		
Cholesterol	mg/kg	2076.6

Values are calculated from data of included ingredients. Actual values of any given batch of diet may vary slightly.