

Teklad Global Diets[®] product line overview

Diets for multiple laboratory animal species

- Life stage and application appropriate
- Fixed formulations
- Global supply chain





Teklad Global Diets[®] at a glance

SPECIES	RODENT					DOG		
Product	2014	2016	2018	2019	2020X	2021	2025	2027
Irradiated (29xx)	2914	2916	2918	2919	2920X			
Certified (C)	2014C	2016C	2018C			2021C	2025C	2027C
Autoclavable (S)			2018S 2018SX	2019S	2020SX			
Extruded (X)			2018SX	Standard	Standard	Standard	Standard	Standard
KEY FEATURES								
	14% Protein 4% Fat	16% Protein 4% Fat	18% Protein 6% Fat <ul style="list-style-type: none">Moderate phytoestrogen	19% Protein 9% Fat	19% Protein 6% Fat	21% Protein 6% Fat	25% Protein 9% Fat	27% Protein 16% Fat
	<ul style="list-style-type: none"> Vegetarian (no nitrosamines) Minimal phytoestrogens (2014, 2016, 2019, 2020X) Suitable for imaging studies (no alfalfa meal) Extruded versions dramatically reduce clumping and hardening after autoclaving and reduce waste 				<ul style="list-style-type: none"> High-quality poultry by-products Smooth transition between diets Options for all life stages All options stocked as certified 			
PURPOSE AND BENEFITS								
	<ul style="list-style-type: none"> Prolonged maintenance Aging Toxicology Oncology 	<ul style="list-style-type: none"> Growth Maintenance Toxicology Oncology 	<ul style="list-style-type: none"> Breeding Growth Maintenance General purpose 	<ul style="list-style-type: none"> Breeding Genetically engineered mice Poorly performing strains Oncology 	<ul style="list-style-type: none"> Breeding General purpose Estrogen-sensitive breeding studies Reproductive toxicology Oncology 	<ul style="list-style-type: none"> Maintenance 	<ul style="list-style-type: none"> Gestation Lactation Growth Maintenance 	<ul style="list-style-type: none"> Gestation Lactation Growth
CALCULATED AVERAGE NUTRIENT PROFILE								
Protein %	14.3	16.3	18.6	19.0	19.1	21.0	26.0	28.6
Fat %	4.0	4.0	6.2	9.0	6.5	7.1	10.5	16.3
Crude Fiber %	4.1	3.3	3.5	2.6	2.7	4.0	3.0	2.5
NDF % ¹	18.0	15.2	14.7	12.1	12.3	13.7	11.5	9.5
Metabolizable energy	2.9 kcal/g 12.1 kJ/g	3.0 kcal/g 12.6 kJ/g	3.1 kcal/g 13.0 kJ/g	3.3 kcal/g 13.8 kJ/g	3.1 kcal/g 13.0 kJ/g	3.2 kcal/g 13.4 kJ/g	3.5 kcal/g 14.6 kJ/g	3.8 kcal/g 15.9 kJ/g
FIXED FORMULA - achieving high consistency of nutrients coupled with the same ingredient inclusions in every batch								
	+	+	+	+	+	+	+	+

¹Neutral detergent fiber (NDF) is an estimate of insoluble fiber, including cellulose, hemicellulose, & lignin. Crude fiber methodology underestimates total fiber.

PRODUCT

- Not all product combinations are produced regularly or stocked locally; extended lead times and additional fees may apply.
- Most products available in meal (M) form; extended lead time and additional fees may apply.

IRRADIATED

- The irradiated version is identical to the standard version, with the exception of packaging.
- The "9" in the second position of the product code denotes the product has been irradiated.

AUTOCLAVABLE

- The autoclavable version (S) differs in the level of vitamin supplementation, which is increased to account for presumed losses due to autoclaving.



Teklad Global Diets[®] at a glance

SPECIES	RABBIT		GUINEA PIG		PRIMATE		CAT	FERRET
Product	2030	2031	2040	2041	2050 / 2050A	2055	2060	2072
Irradiated (29xx)	2930	2931	2940	2941				
Certified (C)	2030C	2031C	2040C		2050C	2055C	2060C	2072C
Autoclavable (S)								
Extruded (X)					Standard	Standard	Standard	Standard
KEY FEATURES								
	16% Protein 3% Fat • Vegetarian	14% Protein 2% Fat • Vegetarian Higher fiber	18% Protein 3% Fat	18% Protein 3% Fat • Higher fiber	20% Protein 4% Fat • Higher fiber	25% Protein 5% Fat	32% Protein 12% Fat • Includes a urinary acidifier	36% Protein 18% Fat • Highly digestible • Low ash poultry by-products
			Global Guinea Pig Diets are fortified with stabilized vitamin C.		Global Primate Diets are fortified with stabilized vitamin C.			
PURPOSE AND BENEFITS								
	• Gestation • Lactation • Growth	• Maintenance • Long term studies	• Gestation • Lactation • Growth	• Maintenance	• Gestation • Lactation • Growth • Maintenance	• Gestation • Lactation • Growth • Maintenance	• Gestation • Lactation • Growth • Maintenance	• Gestation • Lactation • Growth • Maintenance
CALCULATED AVERAGE NUTRIENT PROFILE								
Protein %	17.7	14.8	18.7	17.6	20.0	25.6	34.0	39.0
Fat %	3.3	2.3	3.3	4.4	5.4	5.9	12.5	19.0
Crude Fiber %	13.7	21.8	11.9	14.8	8.1	3.5	1.7	1.2
NDF % ¹	29.2	39.4	25.2	32.0	18.4	9.2	6.7	4.4
Metabolizable energy	2.4 kcal/g 10.0 kJ/g	2.0 kcal/g 8.4 kJ/g	2.5 kcal/g 10.5 kJ/g	2.4 kcal/g 10.0 kJ/g	2.8 kcal/g 11.7 kJ/g	3.2 kcal/g 13.4 kJ/g	3.5 kcal/g 14.6 kJ/g	3.8 kcal/g 15.9 kJ/g
FIXED FORMULA - achieving high consistency of nutrients coupled with the same ingredient inclusions in every batch								
	+	+	+	+	+	+	+	+

EXTRUDED

- For rodent diets, the combination of the extruded form and appropriate fortification allows for superior autoclaving quality (decreased hardness and clumping) where problems are experienced with the autoclavable pellet form.

CERTIFIED

- There are no differences in the formula, ingredients, manufacturing standards, and quality control processes between non-certified and certified diets.
- A representative sample is tested for a panel of contaminants. This panel varies by region (US vs. Europe) reflecting differences in regulatory standards. Contact local representatives for more information.
- If diet is not stocked as certified, certification can be made available by request. Expect minimum order size and additional charges to apply.





Inotiv Teklad Products

Reliable, repeatable results

Known for superior customer service, technical expertise, and sales support.

CUSTOM RESEARCH DIETS

Control nutrients

- Vitamin or mineral adjusted
- Protein or amino acid adjusted
- Lipid or fatty acid adjusted

Induce disease

- Atherogenic (cholesterol, fat, cholate)
- Diet-induced obesity (40–60% fat kcal)
- High carbohydrate (fructose, sucrose)
- NaCl adjusted
- Cuprizone demyelination

Dose animals

- Control of gene expression – doxycycline or tamoxifen containing diets
- Addition of customer-supplied ingredients/compounds

STANDARD NATURAL INGREDIENT DIETS FOR MULTIPLE SPECIES

- Global
- Traditional

BEDDING AND ENRICHMENT

- Contact
- Non-contact

MEDICATED DIETS

- Fenbendazole
- Ivermectin
- Uniprim

Complimentary consultation
with our nutritionists