

Formula

g/Kg

Casein	140.0
Sucrose	341.46
Maltodextrin	119.6156
Hydrogenated Vegetable Oil	190.0
Anhydrous Milkfat	60.0
Palmitic Acid	40.0
Cholesterol	12.5
Cellulose	50.0
Mineral Mix, AIN-76 (170915)	35.0
Calcium Carbonate	4.0
Vitamin Mix, w/o choline, A, D, E (83171)	5.0
Vitamin E, DL-alpha tocopheryl acetate (500 IU/g)	0.1
Vitamin A Palmitate (500,000 IU/g)	0.04
Vitamin D ₃ , cholecalciferol (500,000 IU/g)	0.0044
Choline Dihydrogen Citrate	2.28

Footnote

A high fat and high sucrose diet with 1.25% added cholesterol. Fat sources include anhydrous milkfat, Hydrogenated Vegetable Oil and palmitic acid. Approximate fatty acid profile (% total fat): 43% saturated, 23% trans, 27% monounsaturated (cis), 7% polyunsaturated (cis). No supplemental Met is added. This diet uses the same formula as TD.140154/TD.160785, but uses regular casein instead of "vitamin free test" casein. The change should have no nutritional impact while offering a benefit of better formed pellets.

Selected Nutrient Information¹

	% by weight	% kcal from
Protein	12.2	9.8
Carbohydrate	46.2	37.3
Fat	29.1	52.9
Kcal/g	5.0	

¹ Values are calculated from ingredient analysis or manufacturer data

Speak With A Nutritionist

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

Teklad diets are designed & manufactured for research purposes only.

Key Features

- + Purified Diet
- + Rodent NASH Diet
- + Cholesterol
- + Palmitic Acid

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)

Contact Us

Obtain pricing · Check order status

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



International Inquiry (outside USA or Canada)

- + askanutritionist@envigo.com

Place Your Order (USA & Canada)

Please Choose One

- + www.envigo.com/teklad-orders
- + tekladorders@envigo.com
- + (800) 483-5523
- + (608) 277-2066 *facsimile*

May 15th, 2019

Dear Valued Customer,

As of May 15, 2019 we have discontinued TD.160785 in pellet form due to poor pellet quality. We understand you may have ongoing needs so alternative options are available.

- Order TD.160785 in powder or “dough” form using product code TD.160785.PWD
OR
- Order our new diet, TD.190142, which replaces "vitamin free test" (VFT) casein with regular casein



Additional background to help you decide which option best fits your needs.

- TD.160785 is formulated with casein that has been extracted in ethanol – we call this "vitamin free test" (VFT) casein. To produce VFT casein we take our regular casein and wash it in ethanol. This extraction process removes the trace amount of fat and vitamins present in casein.
- Use of VFT is not necessary in TD.160785 because the diet also contains milkfat (which is what the extraction process removed). The diet is not designed to be vitamin deficient.

Because VFT casein is not necessary, we recently developed a new version of TD.160785 that replaces VFT casein with regular casein (non-extracted). The new diet is available as **TD.190142**, 52 kcal/Fat Diet (C16:0, HVO, AMF, Choline/Met).

In this formula, VFT casein is more challenging to work with and affects pellet quality. Pellet quality of TD.190142 (regular casein) was compared against the pellet quality of TD.160785 (VFT casein), and TD.190142 yields improved pellets as shown in the pictures above.

If you do not wish to change the diet formulation, please purchase TD.160785.PWD, 52 kcal/Fat Diet (C16:0, HVO, AMF, Choline/Met). The diet will not be pelleted. It can be hand-shaped into dough type balls similar to the original pellet shape, and fed on the cage top. This option requires more labor for feeding than use of TD.190142.

Should you have any questions, contact technical services at askanutritionist@envigo.com or 800.483.5523.

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