



Hepatic Support Low Fat: Copper Restricted is formulated to support dogs with liver disease or kidney disease by addressing the following key nutritional factors:

- Made 100% with wild caught cod and ingredients approved for human consumption
- Restricted fat
- Carefully controlled limited ingredient protein: wild caught cod
- Restricted copper to prevent copper toxicity or for dogs with copper storage disease
- Restricted phosphorus and controlled sodium for dogs with renal disease
- Balanced for long-term feeding under veterinary supervision

“For many years I have accepted the conventional wisdom that commercial dog food was the best feeding method. Recently, in an effort to achieve a healthy weight and a better coat for one of my own dogs I decided to go outside of my comfort zone. I learned about JustFoodForDogs and decided to put Daisy on the food. I can honestly say I have never seen such a dramatic and instant response from changing a food. Within weeks I saw a substantial improvement in her skin, coat, interest in food and vitality. I am so happy to have finally found something I can feel good about feeding her.” — Dr. Jennifer Pizzo, DVM

TYPICAL ANALYSIS: Hepatic Support Low Fat: Copper Restricted

Nutrient	/kg As Fed	/kg Dry Matter	/1000 kcals
Protein	38.99 g	164.58 g	40.48 g
Total lipid (fat)	10.01 g	42.28 g	10.40 g
Carbohydrates (NFE)	176.98 g	747.11 g	183.76 g
Fiber, total dietary	12.38 g	52.27 g	12.86 g
Calcium, Ca	1222.99 mg	5162.70 mg	1.27 g
Iron, Fe	11.19 mg	47.22 mg	11.61 mg
Magnesium, Mg	144.88 mg	611.60 mg	0.15 g
Phosphorus, P	736.98 mg	3111.06 mg	0.77 g
Potassium, K	1607.43 mg	6785.59 mg	1.67 g
Sodium, Na	609.00 mg	2570.82 mg	0.63 g
Zinc, Zn	25.18 mg	106.28 mg	26.14 mg
Copper, Cu	0.71 mg	3.01 mg	0.74 mg
Manganese, Mn	2.61 mg	11.04 mg	2.71 mg
Selenium, Se	86.05 $\hat{A}\mu\text{g}$	363.24 $\hat{A}\mu\text{g}$	0.09 mg
Iodine, I	0.30 mg	1.25 mg	0.31 mg
Vitamin C	91.07 mg	384.44 mg	94.56 mg
Vitamin B1	1.58 mg	6.67 mg	1.64 mg
Vitamin B2	1.60 mg	6.76 mg	1.66 mg
Vitamin B3	9.80 mg	41.35 mg	10.17 mg
Vitamin B5	4.26 mg	17.99 mg	4.43 mg
Vitamin B6	1.09 mg	4.61 mg	1.13 mg
Folate	410.22 $\hat{A}\mu\text{g}$	1731.70 $\hat{A}\mu\text{g}$	0.43 mg
Choline	486.05 mg	2051.81 mg	504.67 mg
Vitamin B12	12.69 $\hat{A}\mu\text{g}$	53.56 $\hat{A}\mu\text{g}$	13.17 $\hat{A}\mu\text{g}$
Vitamin A, IU	55856.15 IU	235790.11 IU	57996.13 IU
Vitamin E	80.61 mg	340.27 mg	97.09 IU
Vitamin D	203.28 IU	858.10 IU	211.06 IU
Vitamin K	71.57 $\hat{A}\mu\text{g}$	302.12 $\hat{A}\mu\text{g}$	74.31 $\hat{A}\mu\text{g}$
EPA - DHA	0.59 g	2.50 g	0.61 g
Linoleic Acid	2.83 g	11.96 g	2.94 g
Tryptophan	0.51 g	2.15 g	0.53 g
Threonine	1.64 g	6.92 g	1.70 g
Isoleucine	1.66 g	7.00 g	1.72 g
Leucine	2.99 g	12.61 g	3.10 g
Lysine	2.73 g	11.51 g	2.83 g
Methionine - Cystine	1.45 g	6.13 g	2.51 g
Phenylalanine - Tyrosine	3.04 g	12.84 g	4.97 g
Valine	2.03 g	8.56 g	2.11 g
Arginine	2.55 g	10.78 g	2.65 g
Histidine	0.84 g	3.55 g	0.87 g
Taurine	0.14 g	0.58 g	0.14 g

Hepatic Support Low Fat: Copper Restricted Vet Directed Diet 14 oz, 72 oz Fresh Frozen



DIET OVERVIEW

Hepatic Support Low Fat: Copper Restricted is made using 100% fresh, whole food ingredients approved for human consumption, and is formulated to meet the key nutritional factors for the nutritional management of **Liver** or **Renal Disease**, with or without concurrent **Hyperlipidemia** or **Pancreatitis**, and **Copper Storage Disease** in dogs:¹

- Restricted Protein
- Restricted Copper
- Balanced for long-term feeding under veterinary supervision
- Restricted Fat
- Restricted Phosphorus (Compatible with Renal Disease)

¹Hand MS, Thatcher CD, Remillard RL, Roudebush PR, Novotny BJ (2010) Small Animal Clinical Nutrition (5th ed.). Topeka, KS

DIET INDICATIONS

- Liver Disease
- Chronic Hepatitis
- Hepatic Encephalopathy
- Copper Storage Disease
- Liver Failure
- Pancreatitis
- Hyperlipidemia
- Renal Disease

CONTRAINDICATIONS

- Sensitivity to any of the ingredients
- Growing puppies

INGREDIENTS

- **Wild Caught Cod** is an excellent source of protein and a good source of omega 3 fatty acids, niacin, vitamin B-12 & B-6, potassium, phosphorus and selenium.
- **Sweet Potatoes** contain a unique root storage protein that have significant antioxidant capabilities and are an excellent source of vitamin A and a very good source of vitamin C and manganese. Sweet potatoes are also high in beta-carotene and a good source of copper, dietary fiber, Vitamin B6, potassium and iron.
- **Long Grain Enriched White Rice** is an easily digestible carb source fortified with B Complex. It's also loaded with iron, calcium, magnesium, manganese, zinc, copper and selenium.
- **Broccoli** is an excellent source of the vitamins K, C and A, phosphorus, potassium, magnesium and the vitamins B6 and E, as well as folate and fiber.
- **Zucchini** is an excellent source of manganese and vitamin C, magnesium, vitamin A, dietary fiber, potassium, copper, folate and phosphorus. In addition, it is a good source of omega-3 fatty acids, vitamins B1, B2, B6, calcium, zinc, niacin and protein.
- **Sunflower Oil** is a natural and medicinal oil pressed from the seeds of the sunflower and is rich in "good" essential, unsaturated fatty acids such as linoleic acid. (National Research Council Ad Hoc Committee on Dog and Cat Nutrition, 2006).
- **Coconut Oil** contains medium chain triglycerides (MCTs), which have been shown to help increase the liver's efficiency at metabolizing energy. It is an easily metabolized superfood and an excellent source of select liver friendly fat.

INGREDIENTS (Cont.)

- **Icelandic Premium Fish Oil** provides Omega 3 fatty acids in highly biologically available forms of EPA and DHA.
- **JFFD Nutrient Blend** is formulated specifically to meet NRC standards. The blend is compounded from 100% human grade nutraceuticals regulated by the FDA.

NUTRITIONAL SUITABILITY STATEMENT

This diet has been formulated for the long-term nutritional management of hepatic and renal disease and/or copper storage disease. For use under direction of a veterinarian.

Caloric Information Compare to: Royal Canin® Hepatic and Hills® I/d				Guaranteed Analysis As Fed		Dry Matter
Kcal/kg: 974		Kcal/oz: 28		g/1000kcal: 1026		
Metabolizable Energy % from:	JFFD Hepatic LF	2014 RC Hepatic	2014 Hills I/d	Protein	3.5%	16.0%
Protein	16.0%	15.0%	14.0%	Fat	1.0%	4.5%
Fat	11.0%	36.0%	47.0%	Carb (NFE)	14.5%	65.5%
Carbohydrates	73.0%	49.0%	39.0%	Fiber	1.5%	7.0%
Phosphorus (g/1000 kcals)	0.77	1.3	1.36	Ash	1.5%	7.0%
Copper (mg/1000 kcals)	0.74	1.0	0.9	Moisture	78.0%	---
Calcium-Phosphorus ratio:				1.7:1		
Omega 6: Omega 3 ratio:				4:1		
Nutritional Information averages according to USDA SR26 database. Nutritional information for items not available in USDA SR26 originates from manufacturers and independent lab analyses.						

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RECOMMENDED DAILY FEEDING GUIDE (feeding amount per day)

For best results it is recommended that pet owners weigh the food in ounces using a digital scale. If they do not have a scale, they may estimate volume in cups per the chart below. The chart is only a guide; always adjust feeding recommendations based on careful monitoring of the weight of the patient.

Wt (lbs)	Oz (wt)	Cups (est)	Wt (lbs)	Oz (wt)	Cups (est)
5 - 10	7 - 12	1.0 – 1.5	75 - 80	56 - 59	7.0 – 7.5
15 - 20	17 - 21	2.0 – 2.5	85 - 90	62 - 64	7.75 – 8.0
25 - 30	25 - 28	3.0 – 3.5	95 - 100	67 - 70	8.25 – 8.75
35 - 40	32 - 35	4.0 – 4.5	110 - 115	75 - 77	9.25 – 9.5
45 - 50	38 - 41	4.75 – 5.0	120 - 125	80 - 82	10.0 – 10.25
55 - 60	45 - 48	5.5 – 6.0	130 - 135	85 - 87	10.5 – 11.0
65 - 70	50 - 53	6.25 – 6.5	140 - 145	90 - 92	11.25 – 11.5