



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	48 g	201 g	49 g
Total lipid (fat)	10 g	41 g	10 g
Carbohydrates (NFE)	173 g	724 g	178 g
Fiber, total dietary	9 g	39 g	10 g
Sugars, total	30 g	125 g	31 g
Calcium, Ca	1337 mg	5597 mg	1.37 g
Iron, Fe	12 mg	50 mg	12 mg
Magnesium, Mg	211 mg	882 mg	0.22 g
Phosphorus, P	540 mg	2261 mg	0.55 g
Potassium, K	1955 mg	8184 mg	2.01 g
Sodium, Na	486 mg	2033 mg	0.50 g
Zinc, Zn	24 mg	99 mg	24 mg
Copper, Cu	1.0 mg	4.1 mg	1.0 mg
Manganese, Mn	3.48 mg	14.57 mg	3.58 mg
Selenium, Se	91 $\hat{A}\mu\text{g}$	381 $\hat{A}\mu\text{g}$	0.09 mg
Iodine, I	0.25 mg	1.05 mg	0.26 mg
Vitamin B1	1.63 mg	6.83 mg	1.68 mg
Vitamin B2	2.44 mg	10.20 mg	2.50 mg
Vitamin B3	9.80 mg	41.03 mg	10.07 mg
Vitamin B5	3.30 mg	13.81 mg	3.39 mg
Vitamin B6	1.39 mg	5.83 mg	1.43 mg
Folate	442 $\hat{A}\mu\text{g}$	1852 $\hat{A}\mu\text{g}$	455 mg
Choline	383 mg	1605 mg	394 mg
Vitamin B12	15 $\hat{A}\mu\text{g}$	63 $\hat{A}\mu\text{g}$	15 $\hat{A}\mu\text{g}$
Vitamin A	65396 IU	273777 IU	67189 IU
Vitamin E	84 mg	352 mg	130 IU
Vitamin D	172 IU	721 IU	177 IU
EPA	0.26 g	1.08 g	0.27 g
DHA	0.27 g	1.12 g	0.27 g
Linoleic Acid	3.31 g	13.87 g	3.4 g
Arachidonic Acid	0.01 g	0.05 g	0.01 g
Linolenic Acid	3.31 g	13.87 g	3.4 g
Tryptophan	0.72 g	3.02 g	0.74 g
Threonine	2.05 g	8.60 g	2.11 g
Isoleucine	2.10 g	8.79 g	2.16 g
Leucine	3.88 g	16.23 g	3.98 g
Lysine	1.77 g	7.40 g	1.82 g
Methionine - Cystine	2.19 g	9.16 g	2.25 g
Phenylalanine - Tyrosine	4.00 g	16.74 g	4.10 g
Valine	2.54 g	10.65 g	2.61 g
Arginine	2.59 g	10.84 g	2.66 g
Histidine	1.03 g	4.33 g	1.06 g
Taurine	0.20 g	0.82 g	0.20 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 and B-6, potassium, phosphorus and selenium.
 - **Sweet Potatoes** contain a unique root storage protein with 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 vitamins K, C and A, phosphorus, potassium, magnesium and vitamins B6 and E, as well as folate and fiber.
 - **Zucchini** is an excellent source of manganese, 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.¹
- ¹National 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.
- **JustFoodForDogs 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: 973		Kcal/oz: 28		g/1000Kcal: 1027		
Metabolizable Energy % from:	JFFD Hepatic LF	2017 RC Hepatic	2018 Hills I/d	Protein	4%	18%
Protein	23%	15%	14%	Fat	0.5%	2%
Fat	11%	28%	47%	Carb (NFE)	15.5%	70%
Carbohydrates	66%	57%	39%	Fiber	1%	5%
Phosphorus (mg/1000 kcals)	550	1.5	1.36	Ash	1%	5%
Copper (mg/1000 kcals)	1.0	0.9	0.9	Moisture	78%	---
Calcium-Phosphorus ratio:				2.5:1		
Omega 6: Omega 3 ratio:				4:1		
Nutritional information averages primarily from independent lab analysis, supplemented with information originating from the USDA SR28 database.						

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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	5 - 9	0.75 – 1.5	75 - 80	39 - 41	6.5 – 6.25
15 - 20	12 - 14	2.0 – 2.5	85 - 90	43 - 44	7.0 – 7.5
25 - 30	17 - 20	2.75 – 3.25	95 - 100	46 - 48	7.75 – 8.0
35 - 40	22 - 24	3.75 – 4.0	110 - 115	52 - 53	8.5 – 9.0
45 - 50	26 - 29	4.5 – 4.75	120 - 125	55 - 57	9.25 – 9.5
55 - 60	31 - 33	5.0 – 5.5	130 - 135	59 - 60	9.75 – 10.0
65 - 70	35 - 37	5.75 – 6.25	140 - 145	62 - 64	10.25 – 10.5