

Eminent Diet Substances content

Important for	Content of substances and vitamins		Dog							Cat			
			Cardio	Fiber Balance	Gastro-intestinal	Hepatic	Mobility	Renal	Struvite	Cardio	Gastro-intestinal /Hepatic	Renal	Struvite
Growth, locomotion, milk production	Protein	%	23.5	24	22	17.5	24	15	19	29.5	33.5	28	29
Force, hair beauty, healthy skin	Fat	%	15	9	11	17	12	17	14	19	19	17	15
Bone mineralization, metabolic processes	Inorganic substances	%	7	7.5	8.7	5.7	8	4.7	7	6.3	7	5.7	6.5
Digestion tract	Fiber	%	3	11	2.6	4	2.2	4.1	2.7	3.2	6.5	2.2	2.7
Bones, teeth, blood, nerves	Calcium	%	1.3	1.5	1.1	0.75	1.5	0.36	0.74	0.9	0.9	0.7	0.75
Bones, teeth, locomotion	Phosphorus	%	1.0	1.1	0.7	0.55	1.0	0.3	0.49	0.7	0.85	0.64	0.6
Growth, muscle mass creation	Lysine	%	1.1	1.8	1.2	1.2	1.21	0.6	1.2	2.45	2.3	1.7	1.3
Growth, hair quality	Methionine	%	0.5	0.55	0.5	0.5	0.52	0.3	0.7	0.72	0.9	0.64	0.9
Growth, fertility, immunity	Vitamin A	IU/kg	15 000	15 000	15 000	20 000	20 000	15 000	15 000	25 000	25 000	20 000	20 000
Content of mineral substances	Vitamin D3	IU/kg	1 500	1 500	1 500	2 000	2 000	1 500	1 500	2 500	2 500	2 000	2 000
Locomotion, fertility	Vitamin E	mg/kg	500	490	500	400	430	520	330	550	500	340	330
Energy metabolism	Vitamin B1	mg/kg	20	12.4	30	13.4	13.4	10	10	17	17	14	13.4
Growth, digestion	Vitamin B2	mg/kg	22.5	17	50	20.1	20.1	15	15	26	26	20	20.1
Growth, nerves	Vitamin B6	mg/kg	28	17.5	50	20.1	20.1	15	15	25	25	20.1	20.1
Blood production, growth, metabolism	Vitamin B12	mg/kg	0.22	0.27	1.5	0.13	0.13	0.1	0.13	0.16	0.16	0.13	0.13
Immunity, blood production	Folic acid	mg/kg	5.2	3.3	15	4	4	3	3	5	5	4	4
Metabolism, pigmentation, immunity	Calcium pantothenate	mg/kg	27.6	24.3	60	27	27	20	20	35	35	28	27
Energy metabolism, digestion, skin	Niacin	mg/kg	90	80	93	80	80	60	60	110	110	85	80
Healthy shiny hair	Biotin	mg/kg	0.55	2.8	2.5	2.7	2.7	2.5	2.5	0.85	0.85	0.7	0.8
Metabolism of fats, nerves	Choline-chloride	mg/kg	190	1 000	225	1 800	540	1 200	1 000	650	780	450	450
Heart, sight, long age	Taurine	mg/kg	1 500	490	1 480	–	2 000	2 000	2 050	3 000	2 200	2 100	2 150
Participates in fat breakdown, prevention of cardiovascular diseases	L-carnitine	mg/kg	500	100	300	250	300	500	100	350	275	–	–
Important for	Microelements												
Blood production, breathing	Iron	mg/kg	150	115	150	144	130	370	118	94	110	110	105
Metabolism, healthy hair, physical condition	Zinc	mg/kg	190	195	200	200	120	160	162	200	195	160	140
Metabolism, pigmentation, bones	Manganese	mg/kg	40	33	30	50	30	35	39	45	48	45	35
Blood production, hair	Copper	mg/kg	24	13	24	5	24	13	14	12.9	11.8	15	13
Thyroid gland	Iodine	mg/kg	4	3	3.7	3.2	3.6	2.9	2.9	3.5	3.4	2.5	3
Muscles, locomotion	Selenium	mg/kg	0.2	0.25	0.25	0.37	0.3	0.3	0.3	0.2	0.45	0.45	0.26
Important for	Chondroprotective compounds												
Cartilage nutrition	Chondroitin	mg/kg	–	120	–	120	1 100	120	120	–	–	–	–
Cartilage regeneration	Glucosamine	mg/kg	–	184	–	184	2 600	184	184	–	–	–	–
Strength, elasticity of connective tissues	Hydrolyzed collagen	mg/kg	–	–	–	–	9 500	–	–	–	–	–	–
Anti-inflammatory effect	MSM (methylsulfonylmethane)	mg/kg	–	–	–	–	800	–	–	–	–	–	–
Animal proteins		%	85	75	85	40	75	53	65	72	87	85	65
Metabolizable energy (NRC 2006)		kcal/kg	3 800	3 015	3 580	3 855	3 680	3 880	3 760	4 017	3 875	3 985	3 850
		MJ/kg	15.91	12.62	15	16.12	15.40	16.20	15.73	16.82	16.21	16.70	16.12