

Table 40.8. Levels of key nutritional factors in selected veterinary therapeutic foods used to minimize recurrence of calcium oxalate urolithiasis in dogs compared to recommended levels.*

	Protein (%)	Calcium (%)**	Phosphorus (%)**	Sodium (%)	Magnesium (%)	Urinary pH***
Dry foods						
Recommended levels	10-18	0.4-0.7	0.3-0.6	<0.3	0.04-0.15	7.1-7.5
Hill's Prescription Diet u/d Canine Struvite Urinary Tract Health	10.9	0.32	0.22	0.23	0.052	7.7
Medi-Cal Urinary SO	17.2	0.73	0.60	1.38	na	na
Purina Veterinary Diets NF KidNey Function	15.9	0.76	0.29	0.22	0.070	6.7-7.5
Royal Canin Veterinary Diet Urinary SO 14	17.2	0.82	0.64	1.42	0.086	5.5-6.0
Moist foods						
Recommended levels	10-18	0.4-0.7	0.3-0.6	<0.3	0.04-0.15	7.1-7.5
Hill's Prescription Diet u/d Canine Struvite Urinary Tract Health	13.3	0.35	0.17	0.28	0.049	7.4
Medi-Cal Urinary SO	21.2	1.17	1.12	1.51	na	na
Purina Veterinary Diets NF KidNey Function	20.4	0.66	0.28	0.20	0.090	6.7-7.5
Royal Canin Veterinary Diet Urinary SO	23.3	1.10	1.16	1.51	0.116	na

*Manufacturers' published values. Nutrients expressed as % dry matter, unless otherwise stated moist foods are best avoid foods with added vitamin C (ascorbic acid) avoid foods with high oxalate ingredients (**Table 40-3**).

**Calcium-phosphorus ratio should be in the range of 1.1:1 to 2:1.

***Protocols for measuring urinary pH may vary.