

Article title: Use of enzyme-linked immunosorbent assay to screen for aflatoxins, ochratoxin A, and deoxynivalenol in dry pet foods

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Supplemental Table 1. Summary of grain, soy and peanut-based ingredients in the pet food products tested in this study. Mycotoxin detection limits were 0.02 ng/g for AFs, 0.05 ng/g for OTA, and 0.1 µg/g for DON. The limit of quantitation for DON was 0.5 µg/g.

Sample ID	Pet food type	Grain, soy or peanut-based ingredients on label (in order of appearance)	Mycotoxins detected with ELISA
S01	Dog food	Ground whole grain corn, brewers rice, corn gluten meal, soybean meal, ground whole grain wheat	DON (< 0.5 µg/g)
S02	Dog food	Corn meal, ground whole grain sorghum, brewers rice, ground whole grain barley	DON (< 0.5 µg/g)
S03	Dog food	Ground yellow corn, corn gluten meal, whole wheat flour, rice flour, soy flour	None
S04	Dog food	Brown rice, corn, oat groats, corn gluten meal	DON (< 0.5 µg/g)
S05	Dog food	Corn meal, oatmeal	DON (< 0.5 µg/g)
S06	Dog food	Ground yellow corn, corn gluten meal, brewers rice, soybean meal	None
S07	Dog food	Corn, soybean meal, ground wheat, wheat middlings, wheat flour	None
S08	Dog food	Ground corn, corn gluten meal, brewers rice, soybean meal, rice bran	DON (< 0.5 µg/g)
S09	Dog food	Whole grain corn, corn gluten meal, soybean meal, whole grain wheat	DON (< 0.5 µg/g)
S10	Dog treat	Barley flour, oat flour	DON (0.569 µg/g)
S11	Dog treat	Oatmeal, oat flour, barley, rye, oat fiber	None
S12	Dog treat	Ground barley, ground brown rice, peanut butter, peanuts, oatmeal	DON (< 0.5 µg/g)

S13	Dog treat	Whole brown rice, oatmeal, peanut flour, peanut butter, ground roasted peanuts, peanut oil (preserved with mixed tocopherols)	None
S14	Dog treat	Wheat flour, soybean meal, wheat mill run, wheat germ meal, malted barley flour	DON (< 0.5 µg/g)
S15	Dog treat	Peanut butter	AFs (12.3 ng/g)
S16	Dog treat	Wheat flour, wheat bran, wheat germ, malted barley flour	DON (0.774 µg/g)
S17	Dog treat	Pearled barley, rice bran, peanut butter	None
S18	Dog treat	Unbleached wheat flour, whole wheat flour, oats, natural peanut butter flavor	DON (< 0.5 µg/g)
S19	Dog treat	Wheat flour, ground wheat	DON (1.27 µg/g)
S20	Cat food	Brown rice, pearled barley	DON (< 0.5 µg/g)
S21	Cat food	Corn meal, corn grits, ground whole grain sorghum	DON (< 0.5 µg/g)
S22	Cat food	Brewers rice, corn, wheat gluten	None
S23	Cat food	Whole grain wheat, corn gluten meal, brown rice, soybean oil, oat fiber	DON (0.606 µg/g)
S24	Cat food	Corn meal, corn gluten meal, soy flour, soybean hulls	DON (< 0.5 µg/g)
S25	Cat food	Ground yellow corn, corn gluten meal, soybean meal, soybean hulls	DON (< 0.5 µg/g)
S26	Cat food	Whole ground corn, corn gluten meal, soybean meal, whole wheat	DON (< 0.5 µg/g)
S27	Cat food	Brewers rice, corn gluten meal, ground yellow corn, soybean meal	DON (< 0.5 µg/g)
S28	Cat food	Ground yellow corn, corn gluten meal, soybean meal	DON (< 0.5 µg/g)
S29	Cat treat	Rice flour, wheat flour, corn gluten meal, oat fiber	DON (< 0.5 µg/g)
S30	Cat treat	Brewers rice, corn gluten meal	None
S31	Cat treat	Brewers rice, corn gluten meal	None
S32	Cat treat	Brewers rice, corn gluten meal, corn starch, soybean hulls	None
S33	Cat treat	Ground corn, brewers rice	DON (< 0.5 µg/g)

S34	Cat treat	Corn flour, corn gluten meal, ground whole wheat	DON (< 0.5 µg/g)
S35	Cat treat	Corn flour, corn gluten meal, ground whole wheat	None
S36	Cat treat	Ground yellow corn, corn gluten meal	DON (< 0.5 µg/g)
S37	Cat treat	Corn flour, ground whole wheat, corn gluten meal	None
S38	Cat treat	Ground corn, brewers rice, wheat flour	DON (< 0.5 µg/g)
S39	Bird food	White millet, red millet, oat groats, Siberian millet, ground corn, soybean meal, ground wheat, corn gluten meal, ground rice, ground dehulled peanuts	None
S40	Bird food	Ground corn, soybean meal, ground wheat, wheat germ meal	DON (< 0.5 µg/g)
S41	Bird food	Ground corn, ground wheat, soy meal, soy oil	DON (0.633 µg/g)
S42	Bird food	Ground corn, ground wheat, ground oats, corn gluten meal, wheat middlings, soybean meal, soybean oil, wheat germ meal	DON (1.51 µg/g)
S43	Bird treat	White millet, oat groats, pearled barley, red millet, wheat, ground corn, peanuts, buckwheat, rice, corn gluten meal, dehulled soybean meal, ground rice, ground wheat, ground oat groats, wheat middlings, soy oil, wheat germ meal	DON (< 0.5 µg/g)
S44	Bird treat	Peanuts, rice flour, corn starch	AFs (1.5 ng/g)
S45	Bird treat	Dehulled soybean meal, ground corn, oat groats, corn gluten meal, red millet, white millet, ground kibbled corn, wheat middlings, ground rice, ground wheat, soy oil, wheat germ meal	DON (< 0.5 µg/g)
S46	Bird treat	Ground wheat, ground corn, corn gluten meal, dehulled soybean meal, wheat middlings, soy oil, wheat germ meal	DON (1.18 µg/g)
S47	Bird food	Millet kernel, oat groats, red milo, corn, wheat, brown rice, soybean meal, dehulled peanuts, cracked corn, toasted buckwheat, corn gluten meal, soybeans	DON (0.670 µg/g)

S48	Bird food	White proso millet, oat groats, buckwheat, corn, wheat, peanuts, orange oat groats (FD&C Orange #5)	DON (< 0.5 µg/g)
S49	Rabbit food	Wheat, wheat shorts, red milo, chopped corn, oat groats, wheat middlings, flaked corn, corn, ground wheat, ground corn, soybean meal, corn gluten meal	DON (0.967 µg/g)
S50	Rabbit food	Soybean hulls, dehulled soybean meal, flaked corn, wheat middlings, ground corn, ground wheat, corn gluten meal, wheat germ meal, ground steam-rolled oats	DON (0.660 µg/g)
S51	Rabbit food	Soybean hulls, wheat middlings, soybean meal	OTA (2.6 ng/g), DON (0.932 µg/g)
S52	Rabbit food	Oats, ground oat hulls, ground wheat, wheat middlings, dehulled soybean meal, wheat, barley, oat groats, ground corn, shelled peanuts, ground oats, soy oil, wheat germ meal	DON (0.569 µg/g)
S53	Rabbit food	Ground oats, ground wheat, soybean meal, wheat middlings, ground corn, soy oil	DON (0.632 µg/g)
S54	Rabbit treat	Wheat flour, corn flour, coarse soybean meal	DON (1.64 µg/g)
S55	Rabbit treat	Corn, wheat, corn oil, wheat flour	DON (0.929 µg/g)
S56	Rabbit treat	Barley flour, rolled oats	DON (< 0.5 µg/g)
S57	Rabbit food	Wheat middlings, soy hulls (not more than 18%), whole corn, ground barley, dehulled soybean meal	DON (< 0.5 µg/g)
S58	Rabbit food	Ground corn, heat processed soybeans, oat groats, barley, soybean meal, wheat middlings, soybean hulls, feeding oat meal, peanuts, ground wheat, corn gluten meal, soybean oil	DON (1.28 µg/g)