

Toxicology Sample Size Recommendation

Analysis-Amount Required	Preferred Specimen
Cyanide-50 grams	Liver, Stomach Content, Environmental, Feed, Plant
Ethylene glycol-10 grams	Liver, Stomach Content, Environmental
Insecticide screen-50 grams	Stomach, Stomach Content, Environmental, Feed, Bait
Rodenticide screen-10 grams	Liver, Bait
Strychnine-20 grams	Liver, Stomach Content, Environmental, Bait
Arsenic-10 grams	Kidney, Feed, Enviromental
Cadmium-10 grams	Liver, Enviromental
Calcium-10 grams, 2ml	Feed, Serum
Chromium-10 grams	Liver, Enviromental
Copper-10 grams, 2ml	Liver, Enviromental, Serum
Iron-10 grams, 2ml	Liver, Enviromental, Serum
Lead-10 grams, 2ml	Kidney, Blood-edta, Environmental
Magnesium-10 grams, 2ml	Vitreous Humor, serum, feed
Phosphorous-10 grams, 2ml	Serum-separate from clot, feed
Potassium-10 grams	feed
Selenium-10 grams, 2ml	Liver, Blood-heparin
Zinc-10 grams, 2ml	Liver, Enviromental, Serum-blue top tube
Nitrate and Nitrite-2ml, 1 gallon bag	Aqueous Humor, Serum, Hay
pH-20 grams	Rumen Content, Environmental
Mycotoxin – Aflatoxin-50 grams	Feed
Mycotoxin – Deoxynivalenol-50 grams	Feed
Mycotoxin – Fumonisin B1-50 grams	Feed
Mycotoxin – Ochratoxin-50 grams	Feed
Feed/ forage visual exam-1 gallon bag	Hay
Salt-50 grams	Feed
Ionophores-20 grams	Feed