

Other Services offered at South Dakota Agricultural Laboratories

South Dakota Agricultural Laboratories
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2017 Analytes and Pricing

If sample type is not listed, please contact Regina Wixon at the address listed above or email regina.wixon@sdaglabs.com.

ALL fees are subject to applicable sales tax. Prices Rush samples are subject to surcharge, please contact us to inquire.

Feeds

Sample Handling (liquid material).....	\$5.00
Sample Preparation (materials required to be ground to 0.75 mm particle).....	\$12.00
Moisture.....	\$7.50
Ash, Total.....	\$8.00
Ash, Total (Acid Insoluble).....	\$28.00
Chromic oxide.....	\$21.00

Drugs in Feeds and Animal Remedies

Note: State level of drug, if it is known

\$140.00 per drug

Amprolium, Carbadox, Chlortetracycline, Decoquinatate, Fenbendazole, Ivermectin, Lasalocid, Lincomycin, Monensin, Narasin Neomycin, Nitrofurazone, Ormetoprim, Oxytetracycline, Piperazine, Praziquantel, Pyrantel Tartrate, Pyrantel Pamoate,

Sulfadimethoxine, Sulfamethazine, Sulfathiazole, Tetracycline HCL, Tiamulin, Tilmicosin, Tylosin

Feed/Minerals by Flame Atomic Absorption

1-\$25.00, 2-\$34.00, 3-\$43.00, 4-\$52.00/more than four, see ICP Multi-element profile or inquire

Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium, Zinc

Feed/Minerals by Graphite Furnace Atomic Absorption

\$44.00 each mineral per each sample

Arsenic, Cadmium, Chromium, Cobalt, Lead, Molybdenum

Feed/Minerals by ICP OES Multi-element Profile

Profile \$56.00 includes:

Calcium, Cobalt, Copper, Iron, Magnesium, Manganese, Molybdenum, Phosphorus, Potassium, Sodium, Sulfur, Zinc

Nitrogen, Total

Combustion, dry feeds.....\$17.00
Combustion, liquid feeds..... \$24.00

Protein, Crude

Combustion, dry feeds..... \$17.00
Combustion, liquid feeds.....\$24.00

Proximate Analysis

\$91.40 includes:

Moisture, Ash, Protein, Crude Fat, Crude Fiber, Nitrogen-free extract

Salt

\$24.00

Based on total sodium

Selenium.....\$30.00

Sulfur

(Gravimetric).....\$30.00

Sugars (Sugar, total as invert).....\$55.00

Vitamins

\$130.00

Vitamins A & E HPLC

Fat

Fat, crude (ether extract, AOAC Method).....\$20.00
Fat, acid hydrolysis (pet food).....\$40.00
Fat, base hydrolysis (milk products/sweet feeds).....\$40.00
Fat, crude petroleum Ether (for distillers grains).....\$40.00
Oil, double ether extraction (oil seeds).....\$40.00
Fatty Acid Profile (includes saturated, polyunsaturated, monounsaturated and omega fatty acids).....\$180.00

Fiber

Crude Fiber AOAC Methods.....\$20.00
Acid Detergent Fiber (ADF) AOAC Methods.....\$12.00
Neutral Detergent Fiber (NDF) AOAC Methods.....\$16.00
Lignin (includes ADF) Sulfuric Acid 72%H₂SO₄.....\$32.00

Fertilizers

Sample Handling (Liquid Fertilizers).....\$5.00
Sample Handling (Dry Fertilizers).....\$12.00

Nitrogen, Total

Combustion.....\$28.00

Available Phosphate (direct available).....\$36.00

Soluble Potash.....\$32.00

Water (free).....\$44.00

Water (total).....\$16.00

Sulfur

Gravimetric.....\$50.00

Mercury.....\$64.00

Boron (acid soluble).....\$40.00

Boron (water soluble).....\$40.00

Elements (acid soluble)

1-\$32.00, 2-\$48.00, 3-\$64.00, each additional \$16.00

Calcium, Copper, Iron, Magnesium, Manganese, Sodium, Zinc

Elements (water soluble)

\$32.00 each test

Magnesium, Manganese

Elements/by Graphite Furnace Atomic Absorption

\$60.00 each test

Arsenic, Cadmium, Lead, Molybdenum

ICP OES Multi-element Profile

\$205.00

Arsenic, Cadmium, Cobalt, Lead, Mercury, Molybdenum, Nickel, Selenium, Zinc

Water

Sample Handling.....\$5.00 per sample

Filtering (required for turbid samples).....\$8.00 per sample

Record Temperature and Preservation.....\$1.00 per sample

Cations

\$20.00 each element

Calcium, Iron, Magnesium, Manganese, Potassium, Sodium

Individual Analytes

Alkalinity.....	\$16.00
Arsenic.....	\$24.00
Boron.....	\$24.00
Cadmium.....	\$24.00
Chromium.....	\$24.00
Cobalt.....	\$24.00
Copper.....	\$24.00
Electric Conductivity.....	\$12.00
Hardness (titrated).....	\$20.00
Hardness (including calcium and magnesium).....	\$40.00
Iron.....	\$20.00
Lead.....	\$24.00
Magnesium.....	\$20.00
Manganese.....	\$20.00
Molybdenum.....	\$24.00

Nickel.....	\$24.00
pH.....	\$12.00
Potassium.....	\$20.00
Selenium.....	\$30.00
Silicon.....	\$24.00
Silver.....	\$24.00
Sodium.....	\$20.00
Total Dissolved Solids (TDS).....	\$22.00
Total Suspended Solids (TSS).....	\$22.00
Total Dissolved Phosphorus (prefiltered).....	\$30.00
Total Phosphorus.....	\$30.00
Total Solids (TS).....	\$20.00
Zinc.....	\$24.00