CUMBERLAND VALLEY ANALYTICAL SERVICES

Laboratory services for agriculture ... from the field to the feed bunk.

Cumberland Valley Analytical Services – International Price List

| Chemistry Packages | Price |
|---------------------------------|----------|
| Animal Protein Package | \$68.50 |
| Basic NDF Package | \$37.50 |
| CPM Plus Package | \$97.25 |
| Minerals Only | \$34.00 |
| RFV Package | \$27.50 |
| Standard Package | \$42.50 |
| Standard Plus Energy | \$67.50 |
| TMR Control – Chemistry Package | \$95.25 |
| TMR Diagnostic Package | \$210.50 |

| Byproduct | \$34.75 |
|------------------------------------|----------|
| | |
| CNCPS | \$24.75 |
| CSPS | \$24.25 |
| DCAD (CL, S) | \$14.50 |
| Fat (acid hydrolysis) | \$41.00 |
| Fatty Acid Profile | \$77.75 |
| Fatty Acid Profile | \$116.25 |
| Fermentation Analysis Plus Package | \$50.00 |
| Fermentation Package | \$31.75 |
| Free Fatty Acids | \$33.75 |
| Heavy Metals | \$91.75 |
| Micron Particle Size | \$25.00 |
| Milk Fatty Acid Profile | \$116.25 |
| Mold Count | \$31.25 |
| Mold Identification | \$58.50 |
| NPN | \$36.00 |
| Particle Size | \$10.25 |
| PDI/Urease | \$61.00 |
| PDI/Urease/KOH | \$101.00 |
| PENDF | \$24.25 |
| Selenium | \$50.50 |

| NIR Packages | Price |
|---------------------------------|----------|
| Apparent Nutrient Digestibility | \$72.25 |
| CPM Option | \$0.00 |
| Distillers Package | \$21.75 |
| Manure Package | \$21.75 |
| NIR Plus Option | \$11.50 |
| NIR1 Package | \$21.75 |
| NIR2 Package | \$32.25 |
| NIR3 Package | \$42.00 |
| NIR4 Package | \$49.50 |
| NIR5 Package | \$35.50 |
| Soybean Meal NIR Package | \$21.75 |
| TMR Control - NIR Package | \$81.25 |
| TMR Mixture Evaluation Package | \$159.00 |

| Amino Acids | Price |
|--|----------|
| Cystine, Methionine,Lysine plus 9 more | \$110.00 |
| Full Profile w/o Tryptophan | \$153.00 |
| Full Profile with Tryptophan | \$177.25 |

| Water Analysis | Price |
|-------------------------------|---------|
| Alkalinity | \$15.00 |
| Livestock Suitability Package | \$47.25 |
| Nitrate Nitrogen and pH | \$17.50 |
| pH | \$7.75 |
| Total Coliform and E.coli | \$25.50 |

| Mycotoxins | Price |
|------------------------|----------|
| Aflatoxin by HPLC | \$51.00 |
| Fumonisin by HPLC | \$92.00 |
| HT2 TOXIN BY LC/MS | \$68.75 |
| Mycotoxin Screen | \$97.75 |
| Mycotoxins Screen Plus | \$131.00 |

(Please note a \$6 base fee will be added to any component that is not added to a package)

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| Wet Chemistry Options | Price |
|-----------------------|---------|
| Urease Activity | \$30.25 |

| Components | Price |
|---------------------------------------|----------|
| ADF | \$8.00 |
| ADFCP | \$8.00 |
| ADFom (ash free) | \$12.00 |
| Ammonia Nitrogen | \$14.25 |
| aNDF | \$8.00 |
| aNDFom (ash-free) | \$12.00 |
| Ash | \$8.00 |
| Boron | \$13.50 |
| Chloride | \$8.00 |
| Cobalt | \$44.50 |
| Crude Fiber | \$11.25 |
| Crude Protein | \$8.00 |
| Deg. Protein | \$16.25 |
| Dry Matter | \$4.00 |
| Equine Energy | \$0.00 |
| Ergonovine | \$118.00 |
| Fat (Acid-Hydrolysis) | \$45.50 |
| Fat (Ether Extract) | \$12.75 |
| Fatty Acid Profile | \$76.25 |
| Fatty Acid Profile | \$114.00 |
| Fecal Starch | \$15.50 |
| Gossypol Free | \$478.50 |
| Gossypol Total | \$327.50 |
| Initial Peroxide | \$36.75 |
| Initial Peroxide | \$110.00 |
| Iodine, Elemental (Minerals & Metals) | \$95.50 |
| Karl Fischer Moisture | \$57.25 |
| кон | \$48.25 |
| Lactose | \$91.75 |
| Lead | \$45.00 |
| Lignin | \$12.25 |
| Micron Particle Size | \$25.00 |
| Milk Fatty Acid Profile | \$114.00 |

| Mycotoxins | Price |
|------------------------------|----------|
| Ochratoxin by HPLC | \$92.00 |
| T2 TOXIN BY LC/MS | \$68.75 |
| Toxin Screen with T2 (LC/MS) | \$292.50 |
| Vomitoxin (DON) by HPLC | \$73.25 |
| Zearalenone by HPLC | \$92.00 |

| Manure Analysis | Price |
|-------------------------|---------|
| Base Test Package 1 | \$46.25 |
| Base Test Package 2 | \$40.25 |
| Base Test Package 3 | \$37.25 |
| Lagoon Analysis Package | \$61.75 |
| Minerals | \$10.25 |
| рН | \$7.50 |
| Total Carbon (C/N) | \$31.75 |
| Volatile Solids | \$7.50 |
| Water Soluble Phos | \$14.25 |

| Proximates | Price |
|-----------------------|---------|
| Ash | \$8.00 |
| Crude Fat | \$12.75 |
| Crude Fiber | \$11.50 |
| Fat (acid hydrolysis) | \$45.50 |
| Karl Fischer Moisture | \$57.25 |
| Moisture Only | \$4.00 |
| Protein Only | \$8.00 |
| TAG 1 Package | \$32.25 |
| TAG 2 Package | \$45.00 |
| TAG 3 Package | \$55.75 |
| TAG 4 Package | \$28.00 |

(Please note a \$6 base fee will be added to any component that is not added to a package)



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| Components | Price |
|--|----------|
| Molybdenum | \$14.25 |
| NDF-CP | \$8.00 |
| NDR | \$7.75 |
| Nitrate | \$14.00 |
| Non-Protein Nitrogen (NPN) | \$36.00 |
| Particle Size Evaluation | \$10.50 |
| Pepsin Digestibility | \$61.50 |
| Prolamin | \$33.75 |
| Protein Dispersibility Index | \$55.50 |
| Prussic Acid (Cyanide) | \$73.25 |
| Salt (as chloride) | \$8.25 |
| Selenium | \$50.50 |
| Soluble Protein | \$8.00 |
| Starch | \$15.50 |
| Starch (Gelatinized) | \$59.50 |
| Starch (Ungelatinized) | \$10.00 |
| Sugar (ESC) | \$12.50 |
| Sugar (WSC) | \$12.50 |
| Sulfur | \$8.00 |
| Trypsin Inhibitor | \$115.00 |
| Urea | \$32.75 |
| Urease Activity | \$29.75 |
| Vitamin A | \$146.75 |
| Vitamin D by LC-MS/MS (LOD 18.1 IU/lb.) | \$533.25 |
| Vitamin D by LC-MS/MS (LOD 8.2 IU/lb) | \$523.00 |
| Vitamin D for premixes (LOD 45454 IU/lb) | \$160.25 |
| Vitamin E | \$146.75 |
| | |

| Invitro | Price |
|---|----------|
| Dry Matter Digestibility Invitro | \$25.75 |
| Dry Matter Digestibility Time Point Series 6 points Invitro | \$126.75 |
| MSPE | \$140.75 |
| MSPE (freeze dry method) | \$172.00 |
| NDF Basic RPE for Forages | \$81.25 |
| NDF Basic RPE for Ingredients | \$81.25 |
| NDF Digestibility Invitro | \$32.75 |
| NDF Digestibility Time Point Series 6 points with Rates Invitro | \$154.25 |
| NDF Standard RPE for Forages | \$137.00 |
| NDF Standard RPE for Ingredients | \$137.00 |
| Starch Digestibility Invitro | \$40.25 |
| Starch Digestibility Time Point Series 6 points with Rates Invitro | \$202.50 |

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