

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

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2019
Domestic Pricing
Effective August 1st 2019

NIR Packages

NIR1 Package	\$ 18.00
NIR1 PLUS Package	\$ 27.50
NIR2 Package	\$ 29.00
NIR2 PLUS Package	\$ 38.50
NIR3 Package	\$ 37.00
NIR3 PLUS Package	\$ 46.50
NIR4 Package	\$ 42.00
NIR4 PLUS Package	\$ 51.50
NIR5 Package	\$ 31.00
NIR5 PLUS Package	\$ 40.50
NIR Plus Option	\$ 12.25
CPM Option	\$ -
NIR Non-Forage Ingredients	\$ 18.00
Manure Package	\$ 18.00
Apparent Nutrient Digestibility by TMR and Fecal Evaluation	\$ 60.00
TMR Mixture Evaluation Package	\$ 139.00
TMR Control - NIR Package	\$ 74.00

Chemistry Packages

Standard Package	\$ 38.00
Standard Plus Energy	\$ 62.50
CPM Plus Package	\$ 87.00
RFV Package	\$ 25.00
Basic NDF Package	\$ 34.00
Minerals Only	\$ 26.00
Minerals Only (High Concentrate)	\$ 40.00
TMR Diagnostic Package	\$ 185.00
Animal Protein Package	\$ 58.50
Liquid Sample	\$ 57.50
Liquid Sample	\$ 107.00

Wet Chemistry Options

Fermentation Package	\$ 29.50
Fermentation Analysis Plus Package	\$ 44.00
Fatty Acid Profile, 30m column	\$ 65.75
Fatty Acid Profile, other products, 100m column	\$ 99.75

Milk Fatty Acid Profile, 100m column	\$ 99.75
Free Fatty Acids	\$ 29.00
Heavy Metals	\$ 80.00
Mold Count	\$ 28.00
Mold Identification	\$ 49.00
PDI/Urease (soy products only)	\$ 51.50
Micron Particle Size	\$ 21.00
Byproduct	\$ 35.50
DCAD (CL, S)	\$ 14.00
Corn Silage Processing Score (CSPS)	\$ 20.00
Physically Effective NDF (PENDF)	\$ 20.00
Particle Size Evaluation	\$ 8.50

In Vitro Analysis

MSPE	\$ 119.00
MSPE, Freeze Dry	\$ 149.50
NDF Digestibility In Vitro Per Time Point	\$ 28.50
NDF Digestibility In Vitro Time Point Series (6 points)	\$ 149.00
Starch Digestibility In Vitro Per Time Point	\$ 34.50
Starch Digestibility In Vitro Time Point Series (6 points)	\$ 182.50
Dry Matter Digestibility In Vitro Per Time Point	\$ 22.50
Dry Matter Digestibility In Vitro Time Point Series (6 points)	\$ 109.50
NDF Basic RPE (Rate Pool Evaluation) for Forages	\$ 72.50
NDF Standard RPE for Forages	\$ 135.00
NDF Basic RPE for Ingredients	\$ 72.50
NDF Standard RPE for Ingredients	\$ 135.00

In Situ Analysis

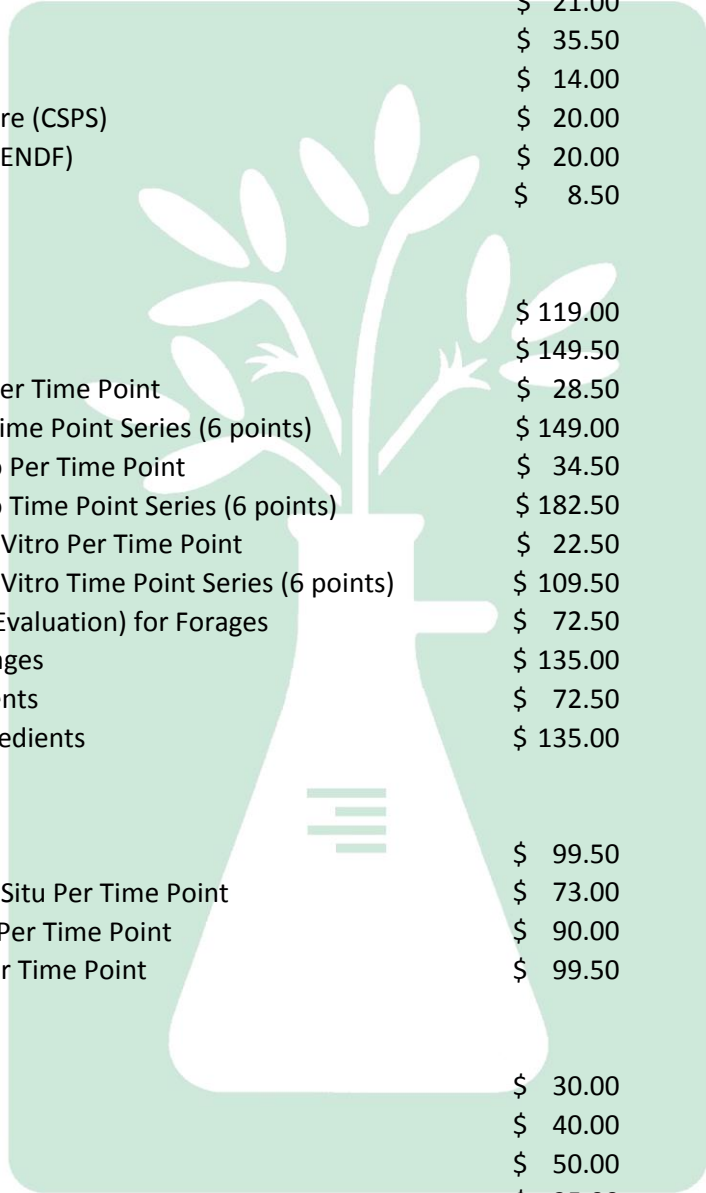
Protein Digestibility In Situ	\$ 99.50
Dry Matter Digestibility In Situ Per Time Point	\$ 73.00
Starch Digestibility In Situ Per Time Point	\$ 90.00
NDF Digestibility In Situ Per Time Point	\$ 99.50

Proximates

TAG 1 Package	\$ 30.00
TAG 2 Package	\$ 40.00
TAG 3 Package	\$ 50.00
TAG 4 Package	\$ 25.00

Amino Acids (Must be run with Crude Protein)

Cysteine, Methionine, Lysine plus 9 more	\$ 100.00
Full Profile without Tryptophan	\$ 136.25
Full Profile with Tryptophan	\$ 156.75
Total Lysine	\$ 88.00
Total Methionine	\$ 91.75
Tryptophan	\$ 88.00



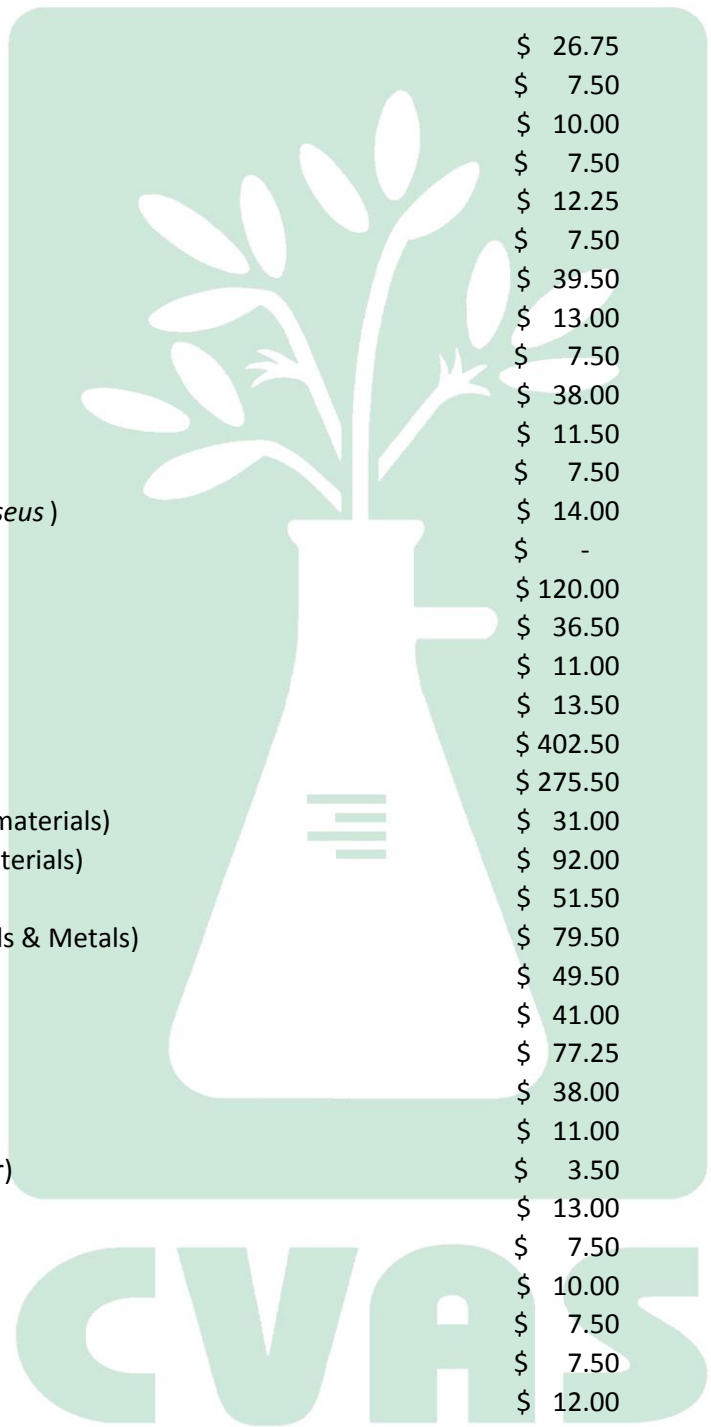
CVAS

Mycotoxin by LC-MS/MS

Mycotoxin Basic	\$ 99.00
Mycotoxin Plus	\$ 145.00
Mycotoxin Premier	\$ 249.00
Mycotoxin, individual	\$ 65.50

Components

Acid Insoluble Ash	\$ 26.75
ADF	\$ 7.50
ADFom (ash free)	\$ 10.00
ADFCP	\$ 7.50
Ammonia Nitrogen	\$ 12.25
Ash	\$ 7.50
Barium	\$ 39.50
Boron	\$ 13.00
Chloride	\$ 7.50
Cobalt	\$ 38.00
Crude Fiber	\$ 11.50
Crude Protein	\$ 7.50
Degradable Protein (<i>S. griseus</i>)	\$ 14.00
Equine Energy	\$ -
Ergonovine	\$ 120.00
Fat (Acid Hydrolysis)	\$ 36.50
Fat (Ether Extract)	\$ 11.00
Fecal Starch	\$ 13.50
Gossypol Free	\$ 402.50
Gossypol Total	\$ 275.50
Initial Peroxide (on liquid materials)	\$ 31.00
Initial Peroxide (on dry materials)	\$ 92.00
Iodine Value (Fat & Oils)	\$ 51.50
Iodine, Elemental (Minerals & Metals)	\$ 79.50
Karl Fischer Moisture	\$ 49.50
KOH	\$ 41.00
Lactose	\$ 77.25
Lead	\$ 38.00
Lignin	\$ 11.00
Moisture Only (Dry Matter)	\$ 3.50
Molybdenum	\$ 13.00
aNDF	\$ 7.50
aNDFom (ash-free)	\$ 10.00
aNDF-CP	\$ 7.50
aNDR	\$ 7.50
Nitrate	\$ 12.00
Non-Protein Nitrogen (NPN)	\$ 31.50
Pepsin Digestibility	\$ 54.25
pH	\$ 6.50
Prolamin	\$ 29.25



Prussic Acid (Cyanide)	\$ 62.00
Salt (as chloride)	\$ 7.50
Selenium	\$ 45.00
Soluble Protein	\$ 7.50
Starch	\$ 13.50
Starch (Gelatinized)	\$ 50.00
Sugar (ESC)	\$ 11.00
Sugar (WSC)	\$ 12.00
Sulfur	\$ 7.50
Trypsin Inhibitor	\$ 98.75
Urease Activity (soy products only)	\$ 26.25
Vitamins	Call for pricing

Water Analysis

Total Coliform and E.coli	\$ 22.00
Nitrate Nitrogen and pH	\$ 15.00
Livestock Suitability Package	\$ 41.00
pH	\$ 6.50
Alkalinity	\$ 13.00

Manure Analysis

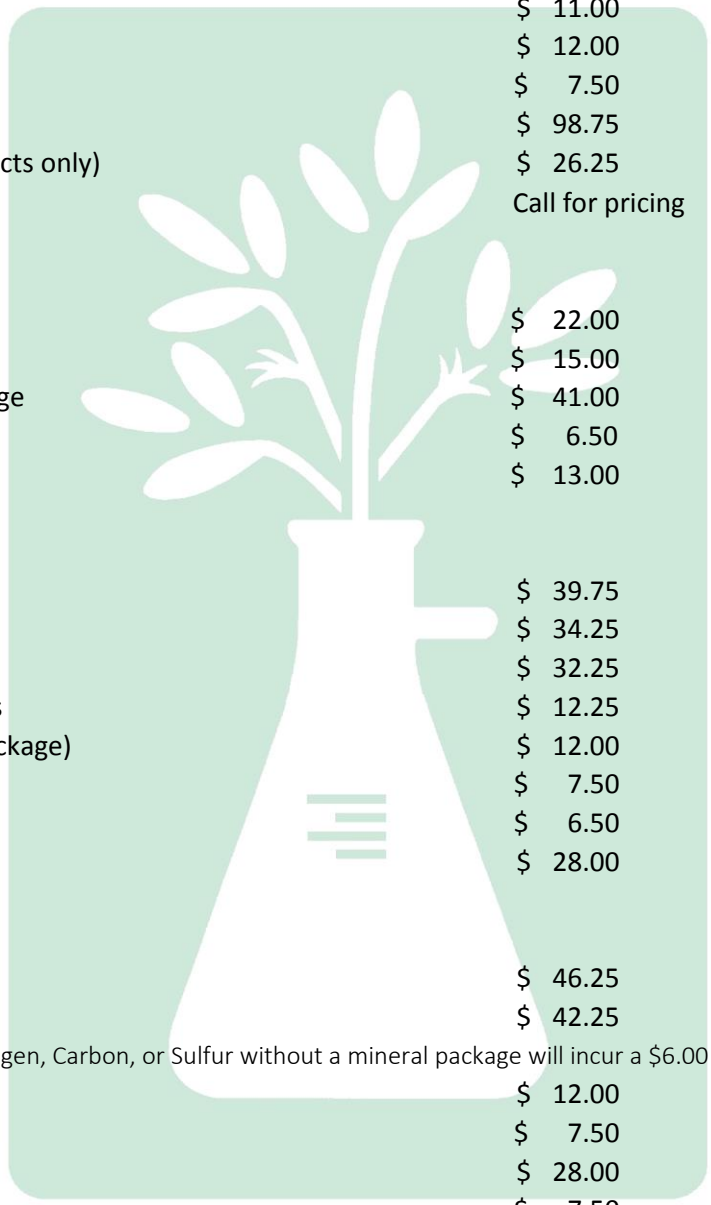
Base Test Package 1	\$ 39.75
Base Test Package 2	\$ 34.25
Base Test Package 3	\$ 32.25
Water Soluble Phosphorus	\$ 12.25
Minerals (with manure package)	\$ 12.00
Volatile Solids	\$ 7.50
pH	\$ 6.50
Total Carbon	\$ 28.00

Plant Tissue Analysis

Standard	\$ 46.25
Trace Minerals each	\$ 42.25
Nitrate Nitrogen	\$ 12.00
Total Nitrogen	\$ 7.50
Total Carbon	\$ 28.00
Total Sulfur	\$ 7.50

Equine Services

Equine Basic	\$ 18.00
Equine Lancer	\$ 29.00
Equine Chemistry Basic	\$ 62.50
Equine Chemistry Complete	\$ 87.00



CVAS