



# Cumberland Valley Analytical Services

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# Sample Submittal Form

Lab Use	
Date	
Time	
Batch	
Mail Charge	

Party to Bill			
Account # *			
Name *			
Street / PO Box			
City		Reporting Method(s):	
State, Zip		Fax	
Phone/Fax		Email	
Email		Internet	

Copy 1		Reporting Method(s):
Name *		Fax
Phone		Email
Street / PO Box		Mail
City, State, Zip		Internet
Email *		
Copy 2		Reporting Method(s):
Name *		Fax
Phone		Email
Street / PO Box		Mail
City, State, Zip		Internet
Email *		

Lab #	Bag #	Farm Name *	Description *	Cutting	Year	Date Samp.	Package	Option Codes
	1							
	2							
	3							
	4							
	5							
	6							

## PACKAGES

### NIR PACKAGES

#### Forages / TMR

A1 - NIR 1 A4 - NIR 4  
 A2 - NIR 2 A5 - NIR 5  
 A3 - NIR 3

#### NIR Options

C - CPM Option  
 P - NIR Plus  
 incl. CNCPS inputs  
 SS - Soluble Starch

#### Grain, Commodities & Manure

A1 - NIR 1 A4 - NIR 4  
 A2 - NIR 2 A5 - NIR 5  
 A3 - NIR 3

#### APN - Apparent Nutrient Digestibility

#### CA - Calibrate® (Alfalfa, FPN & GPN)

TM - TMR Mixer  
 TC - TMR Control

### WET CHEMISTRY PACKAGES

B1 - Standard  
 B2 - CNCPS  
 B3 - RFV  
 B4 - Basic/NDF  
 B6 - Minerals  
 B7 - TMR Diagnostic  
 B8 - Animal Protein  
 B9 - Std. plus energy  
 B10 - Liquid Sample  
 B11 - Liquid Package  
 B12 - Feed Mill Mixer

### PROXIMATE

E1 - TAG 1 E3 - TAG 3  
 E2 - TAG 2 E4 - TAG 4

### EQUINE PACKAGES

K1 - Basic  
 K2 - Lancer  
**Chemistry**  
 K3 - Basic  
 K4 - Complete

## OPTIONS

E12 - Micron Size  
 F1 - Fermentation  
 F1a - Fermentation Plus  
 F3 - Fatty Acid Profile, 30m  
 F3a - Fatty Acid Profile, 100m  
 F4 - Free Fatty Acids  
 F7 - Byproduct  
 F8 - Mold/Yeast Count  
 F9 - Mold ID  
 F10 - DCAD (Cl,S)  
 F11 - CSPPS  
 F12 - peNDF  
 F13 - Particle Size  
 F14 - Trace Elements  
 F15 - Toxic Elements  
 G23 - PDI/Urease

## PROTEIN DIGESTIBILITY

P1 - MSPE  
 P2 - MSPE-Freeze Dry  
 P3 - Ross UIP

## NDF DIGESTIBILITY

C1 - 6 hr C5 - 48 hr  
 C2 - 12 hr C7 - 120 hr  
 C3 - 24 hr C9 - 240 hr  
 C4 - 30 hr  
 C10 - Basic RPE\_Forage  
 C10a - Basic RPE\_Ingredient  
 C11 - Standard RPE\_Forage  
 C11a - Standard RPE\_Ingredient  
 C12 - NDF 6 Time Point

## STARCH DIGESTIBILITY

D1 - 2 hr D7 - Starch - select 6 time points  
 D2 - 7 hr  
 D3 - 24 hr  
 D4 - 30 hr D8 - 6 hr  
 D5 - 4 hr D9 - 8 hr  
 D6 - 12 hr

## INSITU DIGESTIBILITY\*\*

I1 - Protein (RUP)  
 I2 - Starch  
 I3 - NDF  
 I4 - DM

## MYCOTOXINS

T1 - Toxin Basic by LCMS  
 T1a - Toxin Plus by LCMS  
 T1b - Toxin Premier by LCMS

### Individual Toxins

All Toxins are by LCMS

T2 - Aflatoxin  
 T3 - Fumonisin  
 T4 - Ochratoxin  
 T5 - T2  
 T6 - HT2  
 T7 - Vomitoxin (DON)  
 T8 - Zearalenone

## PLANT TISSUE ANALYSIS

L1 - Standard  
 L2 - Trace Minerals  
 L4 - Carbon  
 L5 - Nitrate  
 L6 - Sulfur  
 L7 - Nitrogen  
 L8 - Molybdenum  
 L9 - Chloride

## AMINO ACIDS

H1 - CML + 9  
 H2 - Full Profile, no Trypt.  
 H3 - Full Profile w/ Trypt.

## COMPONENTS

E6 - Moisture  
 E7 - Fat (EE)  
 E8 - Fat (Acid Hydrolysis)  
 E9 - Crude Fiber  
 E11 - Karl Fischer Moisture  
 G1 - ADF  
 G2 - ADFom (ash free)  
 G3 - ADF-CP  
 G5 - Ammonia  
 G6 - Ash  
 G7 - Chloride  
 G8 - Crude Protein  
 G9 - Deg. Protein  
 G11 - Equine Energy  
 G13 - Fecal Starch  
 G14 - Lignin  
 G15 - Molybdenum  
 G16 - NDF  
 G17 - NDFom (ash free)  
 G18 - NDF-CP  
 G19 - NDR (no sulfite)  
 G20 - Nitrate  
 G21 - NPN  
 G24 - Selenium  
 G25 - Soluble Protein  
 G26 - Starch  
 G27 - Sugar (ESC)  
 G27a - Sugar (WSC)  
 G28 - Sulfur  
 G29 - Urease Activity  
 G30 - Soluble Starch Chem.  
 G31 - pH