# **Cumberland Valley Analytical Services**

www.foragelab.com I-800-CVAS-LAB

mail@foragelab.com 301-790-1980 Mailing Address: UPS/FedEx Address: P.O. Box 999 Zane A. Miller Dr.

Waynesboro, PA 17268 Waynesboro, PA, 17268

CVAS \*Indicates Required Field

Sample	Submittal	<b>Form</b>
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## Package and option codes shown below should be entered into form on page 1.

If test is not listed below, please enter the test name or contact CVAS.

#### **PACKAGES**

## **NIR PACKAGES**

Forages / TMR A4 - NIR 4 A1 - NIR 1 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

Chemsitry 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 (CI,S)

F11 - CSPS F12 - peNDF

F13 - Particle Size F14 - Trace Elements F15 - Toxic Elements

#### **PROTEIN** DIGESTIBILITY

G23 - PDI/Urease

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 -D2 - 7 hr select 6 D3 - 24 hr time points D8 - 6 hr D4 - 30 hr

# **INSITU DIGESTIBILITY\*\***

D9 - 8 hr

11 - Protein (RUP) 12 - Starch

13 - NDF 14 - DM

D5 - 4 hr

D6 - 12 hr

#### 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

L8 - Chloride

### **AMINO ACIDS**

H1 - CML + 9

H2 - Full Profile, no Trypt. H3 - Full Profile w/ Trypt.

#### **COMPONENTS**

G6 - Ash

G7 - Chloride

E6 - Moisture G15 - Molybdenum G16 - NDF E7 - Fat (EE) G17 - NDFom (ash free) E8 - Fat (Acid Hydrolysis) E9 - Crude Fiber G18 - NDF-CP G19 - NDR (no sulfite) E11 - Karl Fischer Moisture G20 - Nitrate G1 - ADF G2 - ADFom (ash free)

G21 - NPN G24 - Selenium G3 - ADF-CP G5 - Ammonia

G25 - Soluble Protein G26 - Starch G27 - Sugar (ESC) G8 - Crude Protein G27a - Sugar (WSC) G28 - Sulfur

G9 - Deg. Protein G29 - Urease Activity G11 - Equine Energy G30 - Soluble Starch Chem. G13 - Fecal Starch G14 - Lignin

G31 - pH

(REV 1/25)

# **Order Supplies Online**



<sup>\*\*</sup>InSitu Digestibility not available for international samples.