

Equine NIR Packages

Equine Standard NIR

Dry Matter (DM)	Water Soluble Carbohydrates (WSC)	Calculated Values:
Moisture	Ethanol Soluble Carbohydrates (ESC)	Total Digestible Nutrients (TDN)
Crude Protein (CP)	Starch	Horse Digestible Energy (DE)
NDF Protein (NDICP)	Fat	Nonfiber Carbohydrates (NFC)
ADF Protein (ADICP)	Ash	Nonstructural Carbohydrates (NSC = WSC + starch)
Soluble Protein	Calcium (Ca)	Relative Feed Value (RFV - alfalfa & grass)
Acid Detergent Fiber (ADF)	Phosphorus (P)	Digestible Organic Matter Index (DOMI - alfalfa & grass)
Neutral Detergent Fiber (NDF)	Magnesium (Mg)	
Ash Corrected NDF (aNDFom)	Potassium (K)	
Lignin		

Equine Wet Chemistry Packages

Equine Wet Chemistry

Dry Matter (DM)	Ash	Calculated Values:
Moisture	Starch (NIR)	Total Digestible Nutrients (TDN)
Crude Protein (CP)	Water Soluble Carbohydrates (WSC)	Horse Digestible Energy (DE)
Acid Detergent Fiber (ADF)	Ethanol Soluble Carbohydrates (ESC)	Nonfiber Carbohydrates (NFC)
Neutral Detergent Fiber (NDF)		Nonstructural Carbohydrates (NSC = WSC + Starch)
Ash Corrected NDF (aNDFom)		Relative Feed Value (RFV - alfalfa & grass forages)
		Digestible Organic Matter Index (DOMI - alfalfa & grass)

Equine Carb Package

Dry Matter (DM)	Starch (NIR)
Water Soluble Carbohydrates (WSC)	Ethanol Soluble Carbohydrates (ESC)

Mineral Panel

Calcium (Ca)	Phosphorus (P)	Magnesium (Mg)	Potassium (K)	Sodium (Na)
Iron (Fe)	Copper (Cu)	Manganese (Mn)	Zinc (Zn)	

Lignin

Nitrate

Dry Matter (DM)

Selenium

Samples that require supplemental processing will incur an additional fee of \$10. These include, but are not limited to submissions with excess fat, excess sugar, and several "whole plant/intact" submissions such as: whole corn stalks, long grasses, whole potatoes, and whole corn ears.