

**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 Standard NIR + Wet Chemistry Minerals**

All NIR analyses listed above, plus wet chemistry minerals - Calcium (Ca), Phosphorus (P), Magnesium (Mg), Potassium (K), Sodium (Na), Iron (Fe), Copper (Cu), Manganese (Mn), Zinc (Zn)

**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 Wet Chemistry + Wet Chemistry Minerals**

All Wet Chemistry analyses listed above, plus wet chemistry minerals - Calcium (Ca), Phosphorus (P), Magnesium (Mg), Potassium (K), Sodium (Na), Iron (Fe), Copper (Cu), Manganese (Mn), Zinc (Zn)

**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**