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Equine Standard NIR

Client: Andrew's Hay
 Description: Teff 2nd
 Feed Type: Grass Hay
 Sample #: 169816

Date Tested 8/25/2022
 Reported 8/25/2022
 Sampled

| Nutrient | Dry Basis | |
|------------------------------|-----------|----------------|
| Moisture | 12.13 | % |
| Dry_Matter | 87.87 | % |
| pH | 4.46 | |
| Protein | | |
| CP | 15.94 | %DM |
| AD-ICP | 2.45 | %CP |
| ND-ICP w/SS | 11.79 | %CP |
| Protein Sol | 36.07 | %CP |
| Fiber | | |
| ADF | 32.85 | %DM |
| aNDF | 56.99 | %DM |
| aNDFom | 55.08 | %DM |
| Lignin (Sulfuric Acid) | 2.70 | %DM |
| Carbohydrates and Fat | | |
| ESC(Sugar) | 7.44 | %DM |
| WSC(Sugar) | 9.93 | %DM |
| Starch | 1.03 | %DM |
| Crude Fat (EE) | 3.60 | %DM |
| Total Fatty Acids (TFA) | 1.62 | %DM |
| Minerals | | |
| Ash | 8.16 | %DM |
| Calcium | 0.43 | %DM |
| Phosphorus | 0.41 | %DM |
| Magnesium | 0.22 | %DM |
| Potassium | 2.64 | %DM |
| Sulfur | 0.23 | %DM |
| Qualitative | | |
| Calculations | | |
| NFC | 20.08 | %DM |
| NSC | 10.96 | %DM |
| RFV | 103.55 | |
| Adj Crude Protein | 15.94 | %DM |
| TDN_OARDC | 64.38 | %DM |
| NEL3x_OARDC | 0.66 | Mcal/lb |
| NEG_OARDC | 0.42 | Mcal/lb |
| NEM_OARDC | 0.69 | Mcal/lb |
| California_TDN_90%dry | 51.92 | Hay equiv, %DM |
| Equine_TDN | 55.41 | %DM |

| | | |
|-----------|------|---------|
| Equine_DE | 1.03 | Mcal/lb |
|-----------|------|---------|

NIR Prediction Equations provided by Dairyland Laboratories, Inc.
 Values in bold were measured by Wet Chemistry Methods.