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Basic NIR

Client: Andrew's Hay
 Description: 1A-B 2nd
 Feed Type: Alfalfa Hay
 Sample #: 188256

Date Tested: 9/17/2024
 Reported: 9/17/2024
 Sampled: 9/11/2024

| Nutrient | Dry Basis | |
|------------------------------|------------------|----------------|
| Moisture | 11.82 | % |
| Dry_Matter | 88.18 | % |
| Protein | | |
| CP | 20.92 | %DM |
| AD-ICP | 4.68 | %CP |
| ND-ICP w/SS | 13.19 | %CP |
| Protein Sol | 37.19 | %CP |
| Fiber | | |
| ADF | 31.94 | %DM |
| aNDF | 39.34 | %DM |
| aNDFom | 37.33 | %DM |
| Lignin (Sulfuric Acid) | 5.94 | %DM |
| Carbohydrates and Fat | | |
| ESC(Sugar) | 7.50 | %DM |
| WSC(Sugar) | 9.05 | %DM |
| Starch | 1.24 | %DM |
| Crude Fat (EE) | 3.15 | %DM |
| Minerals | | |
| Ash | 11.65 | %DM |
| Calcium | 1.23 | %DM |
| Phosphorus | 0.39 | %DM |
| Magnesium | 0.39 | %DM |
| Potassium | 2.91 | %DM |
| Sulfur | 0.33 | %DM |
| Qualitative | | |
| Calculations | | |
| NFC | 30.33 | %DM |
| NSC | 10.29 | %DM |
| RFV | 151.37 | |
| Adj Crude Protein | 20.92 | %DM |
| TDN_OARDC | 60.67 | %DM |
| NEL3x_OARDC | 0.62 | Mcal/lb |
| NEG_OARDC | 0.39 | Mcal/lb |
| NEM_OARDC | 0.65 | Mcal/lb |
| California_TDN_90%dry | 52.54 | Hay equiv, %DM |

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