



Dairyland Laboratories
 217 E. Main St.
 Arcadia, WI 54612
Telephone: +1 608-323-2123
Fax: +1 608-323-2184
Email: info@dairylandlabs.com

Report Date: 10/02/2025

Sampled For: Black Isle Farms
Product: F2325 Grass/Alf

Test Package: CNCPS 6.5+
Feed Type: Hay - Mixed
Sub Type: Mixed hay

| | | Dry Basis | 90% Range* |
|------------------|---------|------------------|-------------------|
| Moisture | 6.96% | | |
| Dry Matter | 93.04% | | |
| CP | % | 16.07 | 13.73 - 23.91 |
| ADICP | % CP | 4.54 | 5.24 - 11.50 |
| NDICPss | % CP | 15.25 | |
| SCP | % CP | 37.40 | 26.07 - 46.05 |
| Total amino acid | % CP | 76.91 | 64.08 - 79.77 |
| Lysine | % CP | 4.36 | 3.44 - 4.63 |
| Methionine | % CP | 1.68 | 1.35 - 1.74 |
| Isoleucine | % CP | 3.17 | 2.63 - 3.55 |
| Leucine | % CP | 6.22 | 5.08 - 7.24 |
| Histidine | % CP | 1.56 | 1.25 - 1.70 |
| ADF | % | 37.96 | 25.78 - 41.61 |
| aNDFom | % | 52.26 | 29.93 - 61.73 |
| Lignin | % | 5.42 | 5.44 - 9.38 |
| NDFDom12 | % NDFom | 47.95 | 21.00 - 49.73 |
| NDFDom30 | % NDFom | 64.47 | 32.13 - 65.82 |
| NDFDom120 | % NDFom | 70.19 | 41.07 - 75.93 |
| NDFDom240 | % NDFom | 72.08 | 43.03 - 76.37 |
| uNDFom240 | % | 14.59 | 10.27 - 26.73 |
| Sugar (ESC) | % | 7.89 | 3.04 - 9.57 |
| Sugar (WSC) | % | 9.85 | 3.67 - 10.53 |
| Starch | % | 0.25 | 0.29 - 3.75 |
| Fat (EE) | % | 3.53 | 1.88 - 3.44 |
| 16:0 Palmitic | % TFA | 22.31 | 22.65 - 40.00 |
| 18:0 Stearic | % TFA | 3.85 | 4.68 - 8.86 |
| 18:1 Oleic | % TFA | 4.62 | 3.89 - 11.39 |
| 18:2 Linoleic | % TFA | 13.08 | 11.36 - 22.35 |
| 18:3 Linolenic | % TFA | 53.85 | 18.83 - 50.36 |
| Ash | % | 11.57 | 8.88 - 13.76 |
| Ca | % | 0.61 | 0.93 - 1.81 |
| P | % | 0.32 | 0.24 - 0.39 |
| Mg | % | 0.23 | 0.23 - 0.40 |
| K | % | 3.70 | 1.76 - 3.37 |
| S | % | 0.23 | 0.16 - 0.33 |
| Cl | % | 0.51 | 0.13 - 1.12 |

Calculations

| | | |
|--------------|-----------|--------------|
| NFC | % | 20.25 |
| RFV | | 101.40 |
| RFQ | | 138.34 |
| Equine DE | Mcal/lbDM | 0.89 |
| Equine TDN | | 46.66 |
| | | MLK13 |
| TDN 1x | | 62.74 |
| Nel 3x | Mcal/kg | 1.27 |
| Milk per ton | kg/tonne | 1,306 |

Mixed hay statistics provided for comparison.