



Department of
Primary Industries
NSW DPI Laboratory Services

Our Ref: R21-00436

Your Ref: LA' & LC'

Prev. Ref:

Laboratory Enquires: 1800 675 623

Invoice Enquires: 1300 720 773

LABORATORY REPORT

To: ECHUCA PASTORAL
LAVENDER HILL
YOUNG
2594 NSW AU
Attn: GRAHAM SUTHERLAND
Fax: 02 6382 7262

Owner: GRAHAM SUTHERLAND
Property: ECHUCA PASTORAL CO.
PO BOX 1109
YOUNG 2594

Job Type: Feed

Job Manager: Richard Meyer
Date Sampled: 02 Mar 2021
Date Sent: 02 Mar 2021
Date Received: 05 Mar 2021

Submitter Subject:
Samples Received: 2 X HAY

Replaces R21-00436-F-V1 of 08 Mar 2021

| Analysis Method | Method ID | Date of Test |
|--|--------------------------------|--------------|
| Acid Detergent Fibre (Forage/Silage) - NIR - CSL | LMOP 2-1129 | 08 Mar 2021 |
| *AFIA Hay and Silage Grade | AFIA GRADING | 10 Mar 2021 |
| Inorganic Ash in Plant Material (Forage/Silage) - NIR; CSL | LMOP 2-1129 | 08 Mar 2021 |
| Calculation of Metabolisable Energy; AFIA Method 2-2R | LMOP 2-1124 | 08 Mar 2021 |
| Crude Protein (Forage/Silage) - NIR; CSL | LMOP 2-1129 | 08 Mar 2021 |
| Dry Matter Digestibility - NIR; CSL | LMOP 2-1129 | 08 Mar 2021 |
| Dry & Grind inc Dry Matter & Moisture | Reuter & Robinson 2.E.3; 2.E.4 | 08 Mar 2021 |
| Neutral Detergent Fibre (Forage/Silage) - NIR; CSL | LMOP 2-1129 | 08 Mar 2021 |
| *Water Soluble Carbohydrate (Forage/Silage) - NIR - CSL | LMOP 2-1129 | 08 Mar 2021 |

Peter Hawkins
Technical Officer

NATA Accreditation Numbers

14173 Environmental Laboratory Wollongbar
14488 Orange Agricultural Institute

14495 Elizabeth Macarthur Agricultural Institute
14949 Wagga Wagga Chemistry Services Laboratory



Accredited for compliance with ISO/IEC 17025 - Testing. Specimens tested as received.
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Replaces R21-00436-F-V1 of 08 Mar 2021

Wagga Wagga Feed Quality Service

Specimen Type: Forage

| | | | 0001 | 0002 |
|-----------------------------|----------|-----|--------|--------|
| | | | LA' | LC' |
| Results | Units | LOR | Forage | Forage |
| Neutral Detergent Fibre | % | 10 | 47 | 45 |
| Acid Detergent Fibre | % | 4 | 35 | 32 |
| Crude Protein | % | 2 | 21.0 | 20.8 |
| Inorganic Ash | % | 3 | 9 | 8 |
| DMD | % | 39 | 65 | 68 |
| Metabolisable Energy | MJ/kg DM | 4.3 | 9.6 | 10.1 |
| *Water Soluble Carbohydrate | % | 4 | <4.0 | 7.3 |
| *AFIA Grade | | 0 | A1-B1 | A1 |
| Organic Matter | % | 75 | 91 | 92 |
| DOMD | % | 38 | 62 | 65 |
| Dry Matter | % | 0.5 | 91.6 | 90.3 |
| Moisture | % | 0.5 | 8.4 | 9.7 |

Comment(s):

LOR = Limit of Reporting, the minimum quantity that can be reported with confidence.

All results are reported on a dry matter basis unless otherwise stated. All units of % are g/100g equivalent.

The results apply to the sample(s) as provided to the laboratory.

“For any further information or assistance on interpretation of results, please contact your local Livestock Officer.”

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