



**Department of
Primary Industries**
Wagga Wagga Agricultural Institute

Our Ref: R16-00569
Your Ref: SLNS
Prev. Ref:
Laboratory Enquiries: 1800 675 623
Invoice Enquiries: 1300 720 773

LABORATORY REPORT

To: NSW DPI - MICHAEL HOPWOOD
PINE GULLY ROAD
WAGGA WAGGA
2650 NSW AU
Attn: MICHAEL HOPWOOD

Owner: Michael Hopwood
Property:

Job Type: Feed

Job Manager: Richard Meyer
Date Sampled:
Date Sent: 21 Apr 2016
Date Received: 21 Apr 2016

Submitter Subject:

Samples Received: 1 x BYPRODUCT

Analysis Method

Acid Detergent Fibre - Wet chemistry - CSL
Calculation of Metabolisable Energy; AFIA Method 2.2R; Based on PC DOMD
Crude Protein - DUMAS Combustion Method; AOAC 990.03
Dry Matter Digestibility - Wet chemistry; AFIA Method 1.7R
Crude Fat by Petroleum Ether Extract - Wet chemistry - CSL
Dry and Grind inc Dry Matter - Reuter & Robinson 2.E.3; 2.E.4
Neutral Detergent Fibre - Wet chemistry; CSL

Method ID

LMOP 2-1108
LMOP 2-1124
LMOP 2-1112
LMOP 2-1128
LMOP 2-1122
LMOP 2-1100
LMOP 2-1107

Date of Test

10 May 2016
6 May 2016
5 May 2016
6 May 2016
27 Apr 2016
27 Apr 2016
10 May 2016

Richard Meyer
Chemist



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.

Wagga Wagga Feed Quality Testing Laboratory**Specimen Type: By Product**

| | | | 0001 |
|-------------------------|--------------|------------|-------------------|
| | | | SLNS |
| Results | Units | LOR | By Product |
| Dry Matter | % | 0.5 | 79.9 |
| Neutral Detergent Fibre | % | 10 | 53 |
| Acid Detergent Fibre | % | 2 | 35 |
| Crude Protein | % | 0.6 | 10.7 |
| DMD | % | 39 | 56 |
| DOMD | % | 38 | 56 |
| Inorganic Ash | % | 1 | 7 |
| Organic Matter | % | 1 | 93 |
| Metabolisable Energy | MJ/kg DM | 4.3 | 9.8 |
| Crude Fat | % | 0.5 | 4.4 |

Comment(s): **DMD** = Dry Matter Digestibility
DOMD = Digestible Organic Matter in the Dry Matter

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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