Department of Primary Industries and Regional Development

LABORATORY REPORT

AgEnviro Labs - South

DATE OF ISSUE:	**4/11/26**	**REPORT NO:**	**R26-02204-[R00]**
DATE RECEIVED:	02/11/2026	**SAMPLES RECEIVED:**	3X HAY
TEST SERVICE:	**FEED QUALITY**	**LABORATORY REF:**	R26-02204
JOB MANAGER:	RICHARD MEYER	**PURCHASE ORDER:**	

SUBMITTER:	**BRIDIE MULLIGAN**	**COMPANY:**	**LLS STATEWIDE - PRE-PAYMENT - 00544**
ADDRESS:	209 COBRA STREET DUBBO	NSW , 2830 AUSTRALIA	

PIC:

SUBMITTED ON BEHALF OF:

METHOD ID	ANALYSIS METHOD
Reuter & Robinson 2.E.3; 2.E.4	Dry & Grind inc Dry Matter & Moisture
LMOP_2-1129	Forage Quality Parameters by NIR
LMOP_2-1124	Calculation of Metabolisable Energy
AFIA GRADING	*AFIA Hay & Silage Grade

***NATA Accreditation does not cover the performances of this service**

Results Finalised By:

Richard Meyer

Richard Meyer
Feed Chemist

Wagga Wagga Agricultural Institute (WWAI)
PMB Pine Gully Road
Wagga Wagga NSW 2650
T: 02 6938 1957
E: wagga.labs@dpird.nsw.gov.au
W: www.dpird.nsw.gov.au

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ANALYSIS RESULTS

Dry & Grind inc Dry Matter & Moisture	LOR	UNITS	1 Barley/Ryegrass	2 Oats/Rye	3 Lucerne/Oaten/Rye
Dry Matter (DM)	0.5	%	94.8	93.4	93.5
Moisture	0.5	%	5.2	6.6	6.5

Approved by:

Richard Meyer
Feed Chemist

Standard Forage Package - NIR	LOR	UNITS	1 Barley/Ryegrass	2 Oats/Rye	3 Lucerne/Oaten/Rye
Neutral Detergent Fibre (NDF) - NIR	10	%	61.0	54.7	58.4
Acid Detergent Fibre (ADF) - NIR	4.0	%	33.8	30.3	33.2
Crude Protein (CP) - NIR	2	%	4.2	4.5	7.4
Inorganic Ash - NIR	3.0	%	6.4	6.6	6.8
Organic Matter (OM) - NIR		%	93.6	93.4	93.2
Dry Matter Digestibility (DMD) - NIR	39	%	59.8	66.2	61.1
DOMD - NIR	38	%	56.6	62.7	57.4
Calculation of Ruminant ME - NIR	4.3	MJ/kg DM	8.5	9.7	8.7
Water Soluble Carbohydrates (WSC) - NIR	4	%	16.3	21.1	11.8

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Standard Forage Package - NIR	LOR	UNITS	1 Barley/Ryegrass	2 Oats/Rye	3 Lucerne/Oaten/Rye
AFIA Hay and Silage Grade			NO GRADE	NO GRADE	NO GRADE

Approved by:

Richard Meyer
Feed Chemist

ATTACHMENTS

R26-02204_AUTHORISED_SUBMISSION_FORM_2026-11-03_102626.pdf, 1_FQS_Information_Attachment.pdf, R26-02204_SUMMARY_V1.xlsx

LABORATORY COMMENTS

All analyses were conducted in a period between 02/11/2026 and 4/11/26.

This report R26-02204-[R00] is version 00, 4/11/26 and replaces any previous report related to R26-02204.

NOTE

I. AFIA Grading is calculated using the 95% coverage probability for the expanded uncertainty of the measurement of results for crude protein (CP) and metabolisable energy (ME). Where there is sufficient doubt that a test sample has complied with a particular grade, then a range of grades are quoted to ensure sufficient accuracy in the reporting.
II. All results are reported on a dry matter basis unless otherwise stated. All units of % are g/100g equivalent.
III. The results apply to the samples as provided to the laboratory.
IV. LOR = Limit of Reporting, the minimum quantity that can be reported with confidence.
V. Information supplied by the submitter may be transcribed from the Submission Form attached to this report. Validity of results is dependent on supplied information being correct.
VI. The laboratory report shall not be reproduced except in full without approval of the laboratory