

## Feed Analysis Report

### Final Report

**Job No:** J1912-2353  
**Date Issued:** 02-Jan-2020  
**Report Number:** 24439

**Attention:** Jason Law  
**Client:** JR & CE Law  
**Address:** PO Box 1339  
 Naracoorte SA 5271

**Purchase Order:** Credit Card  
**Date Sampled:** 19-Dec-2019  
**Date Received:** 30-Dec-2019

**The following sample was analysed:**

Sample ID	Your Reference	Border
S2019-73642		
	Sample Type	Hay

**Analysis of this sample conducted on 30-Dec-2019**

**Analysis Results**

Determinant	Result Value
<b>NIR Package (FT003)</b>	
S2019-73642 Dry Matter	88.5 %
S2019-73642 Moisture	11.5 %
S2019-73642 Crude Protein	8.3 % of dry matter
S2019-73642 Acid Detergent Fibre	33.1 % of dry matter
S2019-73642 Neutral Detergent Fibre	64.0 % of dry matter
S2019-73642 Digestibility (DMD)	62.3 % of dry matter
S2019-73642 Digestibility (DOMD) (Calculated)	59.6 % of dry matter
S2019-73642 Est. Metabolisable Energy (Calculated)	9.1 MJ/kg DM
S2019-73642 Fat	2.9 % of dry matter
S2019-73642 Ash	6.4 % of dry matter

**The sample(s) referred to in this report were analysed for the following determinant(s):**

Analysis	Method	Laboratory
NIR Package	FT/003	Feed & Fodder Testing Laboratory

**Note:** This report is not to be reproduced except in full.

**Comments:** Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$

AFIA Grade for legume and pasture hay + silage : B3

**The results in this report were authorised by:**

Name	Title
Joanne Warnes	Team Leader, Quality, Milling & Feedtest



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**Date Sampled:** 19-Dec-2019  
**Date Received:** 30-Dec-2019

**The following sample was analysed:**

Sample ID	Your Reference	Porters South
S2019-73643	Sample Type	Hay

**Analysis of this sample conducted on 30-Dec-2019**

**Analysis Results**

Determinant	Result Value
<b>NIR Package (FT003)</b>	
S2019-73643 Dry Matter	87.0 %
S2019-73643 Moisture	13.0 %
S2019-73643 Crude Protein	9.5 % of dry matter
S2019-73643 Acid Detergent Fibre	34.8 % of dry matter
S2019-73643 Neutral Detergent Fibre	64.4 % of dry matter
S2019-73643 Digestibility (DMD)	54.8 % of dry matter
S2019-73643 Digestibility (DOMD) (Calculated)	53.3 % of dry matter
S2019-73643 Est. Metabolisable Energy (Calculated)	7.8 MJ/kg DM
S2019-73643 Fat	2.9 % of dry matter
S2019-73643 Ash	7.6 % of dry matter

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Analysis	Method	Laboratory
NIR Package	FT/003	Feed & Fodder Testing Laboratory

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$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$

AFIA Grade for legume and pasture hay + silage : C3

**The results in this report were authorised by:**

Name	Title
Joanne Warnes	Team Leader, Quality, Milling & Feedtest



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**Date Sampled:** 19-Dec-2019  
**Date Received:** 30-Dec-2019

**The following sample was analysed:**

Sample ID	Your Reference	Vegie
S2019-73644	Sample Type	Hay cereal

**Analysis of this sample conducted on 30-Dec-2019**

**Analysis Results**

Determinant	Result Value
<b>NIR Package (FT003)</b>	
S2019-73644 Dry Matter	87.3 %
S2019-73644 Moisture	12.7 %
S2019-73644 Crude Protein	5.2 % of dry matter
S2019-73644 Acid Detergent Fibre	28.3 % of dry matter
S2019-73644 Neutral Detergent Fibre	56.3 % of dry matter
S2019-73644 Digestibility (DMD)	64.5 % of dry matter
S2019-73644 Digestibility (DOMD) (Calculated)	61.5 % of dry matter
S2019-73644 Est. Metabolisable Energy (Calculated)	9.5 MJ/kg DM
S2019-73644 Water Soluble Carbohydrates	21.2 % of dry matter
S2019-73644 Fat	2.7 % of dry matter
S2019-73644 Ash	2.2 % of dry matter

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NIR Package	FT/003	Feed & Fodder Testing Laboratory

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**Comments:** Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$

AFIA Grade for cereal hay + silage : B3

**The results in this report were authorised by:**

Name	Title
Joanne Warnes	Team Leader, Quality, Milling & Feedtest

