

## FEED & MINERAL ANALYSIS REPORT

TOP FODA  
129 Olivers Rd  
Mansfield VIC 3722

ATTENTION  
FAX NUMBER

TOP FODA

PURCHASE ORDER  
PROJECT NUMBER

None  
J1611-0978

DATE RECEIVED 16 November 2016  
OUR SAMPLE NUMBER S2016-31274  
YOUR REFERENCE **CL11**  
SAMPLE TYPE Pasture Fresh  
DESCRIPTION  
DATE SAMPLE COLLECTED 14 November 2016

TEST	Result
<b>NIR Package (FT/003) ^</b>	
Dry Matter (%)	87.4
Moisture (%)	12.6
<b>Crude Protein</b> (% of dry matter)	<b>8.4</b>
Acid Detergent Fibre (% of dry matter)	31.4
Neutral Detergent Fibre (% of dry matter)	58.1
Digestibility (DMD) (% of dry matter)	64.9
Digestibility (DOMD) (Calculated) (% of dry matter)	61.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.5
<b>Water Soluble Carbohydrates</b> (% of dry matter)	<b>18.0</b>
	High Sugar
Fat (% of dry matter)	2.8
Ash (% of dry matter)	7.5
<b>Chloride (TP/192) ^</b>	
Chloride. (% of dry matter)	0.87
<b>Dietary Cation-Anion Difference (TP/016) ^</b>	
DCAD ((Na+K)-(Cl+S)) (meq/kg)	152
<b>Metals - ICP (TP/293)</b>	
Aluminium (mg/kg of dry matter)	210
Boron (mg/kg of dry matter)	3.3
Calcium (mg/kg of dry matter)	3000
Copper (mg/kg of dry matter)	2.9
Iron (mg/kg of dry matter)	180
Potassium (mg/kg of dry matter)	15000
Magnesium (mg/kg of dry matter)	1400
Manganese (mg/kg of dry matter)	130
Sodium (mg/kg of dry matter)	3400
Phosphorus (mg/kg of dry matter)	2300
Sulphur (mg/kg of dry matter)	1600
Zinc (mg/kg of dry matter)	17
<b>Ethanol Soluble Carbohydrates (FT007) ^</b>	

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Ethanol Soluble Carbohydrates (% of dry matter)

10.1

Horse DE (NA) ^

Horse DE (MJ/kg DM)

8.9

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

^ - NATA Accreditation does not cover the performance of this test.

Final Report

Report Number: 176343

Comments:

Metabolisable Energy has been calculated using the following equation:

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



Joanne Warnes

Team Leader, Quality & Milling Laboratory

23 November 2016