

## FEED & MINERAL ANALYSIS REPORT

### TOP FODA

129 Olivers Rd  
Mansfield VIC 3722

ATTENTION  
FAX NUMBER

TOP FODA

PURCHASE ORDER  
PROJECT NUMBER

None  
J1701-0430

DATE RECEIVED 09 January 2017  
OUR SAMPLE NUMBER S2017-01046  
YOUR REFERENCE **HB5**  
SAMPLE TYPE Pasture Fresh  
DESCRIPTION  
DATE SAMPLE COLLECTED 05 January 2017

TEST	Result
<b>NIR Package (FT/003) ^</b>	
Dry Matter (%)	92.4
Moisture (%)	7.6
<b>Crude Protein</b> (% of dry matter)	<b>1.3</b>
Acid Detergent Fibre (% of dry matter)	46.3
Neutral Detergent Fibre (% of dry matter)	81.0
Digestibility (DMD) (% of dry matter)	39.0
Digestibility (DOMD) (Calculated) (% of dry matter)	39.9
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	5.1
<b>Water Soluble Carbohydrates</b> (% of dry matter)	<b>3.0</b>
Fat (% of dry matter)	1.8
Ash (% of dry matter)	4.7
<b>Chloride (TP/192) ^</b>	
Chloride. (% of dry matter)	1.43
<b>Dietary Cation-Anion Difference (TP/016) ^</b>	
DCAD ((Na+K)-(Cl+S)) (meq/kg)	-79
<b>Metals - ICP (TP/293)</b>	
Aluminium (mg/kg of dry matter)	22
Boron (mg/kg of dry matter)	0.67
Calcium (mg/kg of dry matter)	1500
Copper (mg/kg of dry matter)	2.1
Iron (mg/kg of dry matter)	20
Potassium (mg/kg of dry matter)	2500
Magnesium (mg/kg of dry matter)	880
Manganese (mg/kg of dry matter)	77
Sodium (mg/kg of dry matter)	7200
Phosphorus (mg/kg of dry matter)	330
Sulphur (mg/kg of dry matter)	620
Zinc (mg/kg of dry matter)	3.9
<b>Starch (TP/037) ^</b>	

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Total Starch (% of dry matter)	0.6
<b>Ethanol Soluble Carbohydrates (FT007) ^</b>	
Ethanol Soluble Carbohydrates (% of dry matter)	2.0
<b>Horse DE (NA) ^</b>	
Horse DE (MJ/kg DM)	6.4
<b>Sugar Profile (TP/036)</b>	
Total Free Sugars (%)	1.6

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

If test method is prefaced by: TP or FT Analysis conducted at Agrifood Technology, Victoria: Werribee Site.  
TP\_WA Analysis conducted at Agrifood Technology, Western Australia: Bibra Lake Site.  
TP\_DML Analysis conducted at Agrifood Technology, Victoria: Derrimut Site.  
OS Analysis is outsourced.

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

**Final Report**

**Report Number: 181773**

**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**

**16 January 2017**