

## Feed Analysis Report

### Replacement Report

Job No: **J2012-0938**

Date Issued: 29-Dec-2020

Report Number: 75092

This report replaces Report Number: 72678

Attention: Brad Parks  
Client: Parkridge Hay Pty Ltd  
Address: 140 Olivers Rd  
Mansfield VIC 3722

Purchase Order: None  
Date Sampled: 05-Dec-2020  
Date Received: 09-Dec-2020

#### The following sample was analysed:

##### Sample ID

S2020-86422 Your Reference **NS 3**  
Sample Type Pasture Fresh

Analysis of this sample conducted between 09-Dec-2020 and 18-Dec-2020

#### Analysis Results

Determinant		Result Value
<b>Dietary Cation-Anion Difference (TP_FT_008) ^</b>		
S2020-86422	DCAD ((Na+K)-(Cl+S))	95 mequiv/Kg Dry Matter
<b>Horse DE (TP_FT_008) ^</b>		
S2020-86422	Horse DE	7.5 MJ/kg DM
<b>NIR Package (FT003) ^</b>		
S2020-86422	Dry Matter	87.8 %
S2020-86422	Moisture	12.2 %
S2020-86422	Crude Protein	3.7 % of dry matter
S2020-86422	Acid Detergent Fibre	36.6 % of dry matter
S2020-86422	Neutral Detergent Fibre	67.3 % of dry matter
S2020-86422	Digestibility (DMD)	53.6 % of dry matter
S2020-86422	Digestibility (DOMD) (Calculated)	52.2 % of dry matter
S2020-86422	Est. Metabolisable Energy (Calculated)	7.6 MJ/kg DM
S2020-86422	<b>Water Soluble Carbohydrates</b>	<b>13.4 %</b> of dry matter
S2020-86422	Fat	2.1 % of dry matter
S2020-86422	Ash	5.9 % of dry matter
<b>Chloride (TP/192) ^</b>		
S2020-86422	Chloride.	0.52 % of dry matter
<b>Ethanol Soluble Carbohydrates (TP_FT_007) ^</b>		
S2020-86422	<b>Ethanol Soluble Carbohydrates</b>	<b>6.5 %</b> of dry matter
<b>Starch (TP/037) ^</b>		
S2020-86422	<b>Total Starch</b>	<b>1.9 %</b> of dry matter
<b>Sugar Profile (TP/036)</b>		
S2020-86422	Total Free Sugars	7.1 %
<b>Metals - ICP (TP/394) ^</b>		

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S2020-86422	Aluminium	170 mg/kg of dry matter
S2020-86422	Boron	3.8 mg/kg of dry matter
S2020-86422	Calcium	2700 mg/kg of dry matter
S2020-86422	Cobalt	0.24 mg/kg of dry matter
S2020-86422	Copper	4.5 mg/kg of dry matter
S2020-86422	Iron	67 mg/kg of dry matter
S2020-86422	Potassium	8700 mg/kg of dry matter
S2020-86422	Magnesium	1000 mg/kg of dry matter
S2020-86422	Manganese	160 mg/kg of dry matter
S2020-86422	Molybdenum	0.50 mg/kg of dry matter
S2020-86422	Sodium	1800 mg/kg of dry matter
S2020-86422	Phosphorus	1300 mg/kg of dry matter
S2020-86422	Sulphur	950 mg/kg of dry matter
S2020-86422	Selenium	<0.10 mg/kg of dry matter
S2020-86422	Zinc	16 mg/kg 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
Horse DE	TP/FT/008	Feed & Fodder Testing Laboratory
Dietary Cation-Anion Difference	TP/FT/008	Feed & Fodder Testing Laboratory
Metals - ICP	TP/394	Food Safety Laboratory
Ethanol Soluble Carbohydrates	TP/FT/007	Quality and Milling Laboratory
Starch	TP/037	Quality and Milling Laboratory
Chloride	TP/192	Quality and Milling Laboratory
Sugar Profile	TP/036	Quality and Milling Laboratory

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

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

<https://services.awta.com.au/AFTMeasurementUncertainty/index.php>

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

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

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

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

Name	Title
Joanne Warnes	Client Liaison FeedTest

