

Feed Analysis Report

Replacement Report

Job No: **J2012-0378**

Date Issued: 16-Dec-2020

Report Number: 73116

This report replaces Report Number: 71835

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

Purchase Order: None
Date Sampled: 01-Dec-2020
Date Received: 03-Dec-2020

The following sample was analysed:

Sample ID

S2020-84227 Your Reference **TB27**
Sample Type Pasture Fresh

Analysis of this sample conducted on 09-Dec-2020

Analysis Results

Determinant	Result Value
Dietary Cation-Anion Difference (TP_FT_008) ^	
S2020-84227 DCAD ((Na+K)-(Cl+S))	91 mequiv/Kg Dry Matter
Horse DE (TP_FT_008) ^	
S2020-84227 Horse DE	7.3 MJ/kg DM
NIR Package (FT003) ^	
S2020-84227 Dry Matter	90.5 %
S2020-84227 Moisture	9.5 %
S2020-84227 Crude Protein	4.5 % of dry matter
S2020-84227 Acid Detergent Fibre	39.0 % of dry matter
S2020-84227 Neutral Detergent Fibre	68.6 % of dry matter
S2020-84227 Digestibility (DMD)	52.4 % of dry matter
S2020-84227 Digestibility (DOMD) (Calculated)	51.2 % of dry matter
S2020-84227 Est. Metabolisable Energy (Calculated)	7.4 MJ/kg DM
S2020-84227 Water Soluble Carbohydrates	10.6 % of dry matter
S2020-84227 Fat	2.4 % of dry matter
S2020-84227 Ash	9.2 % of dry matter
Chloride (TP/192) ^	
S2020-84227 Chloride.	0.85 % of dry matter
Ethanol Soluble Carbohydrates (TP_FT_007) ^	
S2020-84227 Ethanol Soluble Carbohydrates	4.7 % of dry matter
Starch (TP/037) ^	
S2020-84227 Total Starch	1.6 % of dry matter
Sugar Profile (TP/036)	
S2020-84227 Total Free Sugars	4.5 %
Metals - ICP (TP/394) ^	

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S2020-84227	Aluminium	170 mg/kg of dry matter
S2020-84227	Boron	4.5 mg/kg of dry matter
S2020-84227	Calcium	3000 mg/kg of dry matter
S2020-84227	Cobalt	0.37 mg/kg of dry matter
S2020-84227	Copper	5.2 mg/kg of dry matter
S2020-84227	Iron	86 mg/kg of dry matter
S2020-84227	Potassium	8000 mg/kg of dry matter
S2020-84227	Magnesium	1500 mg/kg of dry matter
S2020-84227	Manganese	270 mg/kg of dry matter
S2020-84227	Molybdenum	0.48 mg/kg of dry matter
S2020-84227	Sodium	4600 mg/kg of dry matter
S2020-84227	Phosphorus	1500 mg/kg of dry matter
S2020-84227	Sulphur	1200 mg/kg of dry matter
S2020-84227	Selenium	<0.10 mg/kg of dry matter
S2020-84227	Zinc	17 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:

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

AFIA Grade for legume and pasture hay + silage : C4

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The results in this report were authorised by:

Name	Title
Joanne Warnes	Client Liaison FeedTest

