Agrifood TECHNOLOGY

FEEDTEST
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FEED ANALYSIS REPORT

Fodder King Ltd
PO Box 148
Dulwich Hill NSW 2203

ATTENTION Paul McCardle
FAX NUMBER 02 9560 7922

PURCHASE ORDER Credit Card
PROJECT NUMBER J1307-0876

DATE RECEIVED 18 July 2013
OUR SAMPLE NUMBER S2013-20968
YOUR REFERENCE Stage 1A Triticale
SAMPLE TYPE Pasture Fresh
DESCRIPTION AGL Upstream Gas Pty Ltd
DATE SAMPLE COLLECTED 15 July 2013

TEST	Result
Chloride	
Chloride (% of dry matter)	1.41
Dietary Cation-Anion Difference	
DCAD ((Na+K)-(Cl+S)) (meq/kg)	145
Metals - ICP	
Aluminium (mg/kg)	25
Boron (mg/kg)	2.5
Calcium (mg/kg)	2300
Copper (mg/kg)	2.6
Iron (mg/kg)	56
Potassium (mg/kg)	25000
Magnesium (mg/kg)	1300
Manganese (mg/kg)	71
Sodium (mg/kg)	190
Phosphorus (mg/kg)	3200
Sulphur (mg/kg)	1700
Zinc (mg/kg)	29
NIR Package	
Dry Matter (%)	17.3
Moisture (%)	82.7
Crude Protein (% of dry matter)	11.6
Acid Detergent Fibre (% of dry matter)	32.8
Neutral Detergent Fibre (% of dry matter)	63.9
Digestibility (DMD) (% of dry matter)	59.4
Digestibility (DOMD) (Calculated) (% of dry matter)	57.1
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.6

Report Number: **89752**
Issued: 01 Aug 2013

Australian Wool Testing Authoriy Ltd - Trading as Agrifood Technology Pty Ltd ABN 43 006 014 106
FEEDTEST, PO Box 728, Werribee Victoria 3030
Telephone 1300 655 474 Facsimile 03 9742 3344 Email feed.test@agrifood.com.au

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Final Report

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Comments:

Metabolisable Energy has been calculated using the following equation:
ME = (0.203 x DOMD%) - 3.001

Joanne Warnes

Analyst, Quality & Milling Laboratory

01 August 2013

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DATE RECEIVED 18 July 2013
OUR SAMPLE NUMBER S2013-20969
YOUR REFERENCE Stage 1A Lucerne
SAMPLE TYPE Pasture Fresh
DESCRIPTION AGL Upstream Gas Pty Ltd
DATE SAMPLE COLLECTED 15 July 2013

TEST	Result
Chloride	
Chloride (% of dry matter)	0.78
Dietary Cation-Anion Difference	
DCAD ((Na+K)-(Cl+S)) (meq/kg)	362
Metals - ICP	
Aluminium (mg/kg)	100
Boron (mg/kg)	32
Calcium (mg/kg)	12000
Copper (mg/kg)	1.9
Iron (mg/kg)	140
Potassium (mg/kg)	28000
Magnesium (mg/kg)	2500
Manganese (mg/kg)	59
Sodium (mg/kg)	1200
Phosphorus (mg/kg)	3400
Sulphur (mg/kg)	3000
Zinc (mg/kg)	23
NIR Package	
Dry Matter (%)	18.9
Moisture (%)	81.1
Crude Protein (% of dry matter)	21.0
Acid Detergent Fibre (% of dry matter)	19.6
Neutral Detergent Fibre (% of dry matter)	27.8
Digestibility (DMD) (% of dry matter)	73.2
Digestibility (DOMD) (Calculated) (% of dry matter)	68.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	11.0

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DATE RECEIVED 18 July 2013
OUR SAMPLE NUMBER S2013-20970
YOUR REFERENCE Stage 12B / Ryegrass AL2
SAMPLE TYPE Pasture Fresh
DESCRIPTION AGL Upstream Gas Pty Ltd
DATE SAMPLE COLLECTED 15 July 2013

TEST	Result
Chloride	
Chloride (% of dry matter)	2.05
Dietary Cation-Anion Difference	
DCAD ((Na+K)-(Cl+S)) (meq/kg)	244
Metals - ICP	
Aluminium (mg/kg)	210
Boron (mg/kg)	4.1
Calcium (mg/kg)	4100
Copper (mg/kg)	3.0
Iron (mg/kg)	170
Potassium (mg/kg)	39000
Magnesium (mg/kg)	1800
Manganese (mg/kg)	130
Sodium (mg/kg)	1400
Phosphorus (mg/kg)	4900
Sulphur (mg/kg)	3800
Zinc (mg/kg)	25
NIR Package	
Dry Matter (%)	14.5
Moisture (%)	85.5
Crude Protein (% of dry matter)	24.5
Acid Detergent Fibre (% of dry matter)	14.8
Neutral Detergent Fibre (% of dry matter)	38.6
Digestibility (DMD) (% of dry matter)	84.8
Digestibility (DOMD) (Calculated) (% of dry matter)	78.6
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	13.0

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DATE RECEIVED 18 July 2013
OUR SAMPLE NUMBER S2013-20971
YOUR REFERENCE Stage 1B, A1
SAMPLE TYPE Pasture Fresh
DESCRIPTION AGL Upstream Gas Pty Ltd
DATE SAMPLE COLLECTED 15 July 2013

TEST	Result
Chloride	
Chloride (% of dry matter)	1.72
Dietary Cation-Anion Difference	
DCAD ((Na+K)-(Cl+S)) (meq/kg)	287
Metals - ICP	
Aluminium (mg/kg)	160
Boron (mg/kg)	5.5
Calcium (mg/kg)	4000
Copper (mg/kg)	2.8
Iron (mg/kg)	260
Potassium (mg/kg)	35000
Magnesium (mg/kg)	1800
Manganese (mg/kg)	130
Sodium (mg/kg)	1300
Phosphorus (mg/kg)	4500
Sulphur (mg/kg)	2900
Zinc (mg/kg)	28
NIR Package	
Dry Matter (%)	14.5
Moisture (%)	85.5
Crude Protein (% of dry matter)	21.4
Acid Detergent Fibre (% of dry matter)	15.8
Neutral Detergent Fibre (% of dry matter)	40.2
Digestibility (DMD) (% of dry matter)	82.0
Digestibility (DOMD) (Calculated) (% of dry matter)	76.3
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	12.5

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