



Certificate of Analysis

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TW11-09671

Page 1/3

Client:

FODDER SOLUTIONS-TOP CAMP
 PO BOX 7452
 TOOWOOMBA QLD 4352

Order Number:**Report Date:****Received Date:**

04-November-2011

25-October-2011

Analysis	Unit	TW11-09671.001 30% Mix Corn, Barley, Lupins Seedlings	TW11-09671.002 50% Corn, Barley Seedlings	TW11-09671.003 Barley 6 days Seedlings	TW11-09671.004 Hindmarsh Barley Seedlings
Starch - Total	%	38.5	48.2	43.5	-
Moisture	%	65.6	64.4	71.4	71.4
Dry Matter	%	34.4	35.6	28.6	28.6
Protein	%	15.3	10.8	11.9	12.8
Digestible Protein	%	10.7	7.6	8.3	9.0
Digestible Dry Matter	%	82.9	85.4	82.8	83.4
Total Digestible Nutrient	%	81.0	83.2	80.9	81.4
DM Intake % of Body Weight	%	5.4	6.4	4.9	5.4
Net Energy Lactation	MJ/kg	7.8	8.1	7.8	7.9
Net Energy Gain	MJ/kg	5.6	5.9	5.6	5.7
Net Energy Maintenance	MJ/kg	8.6	8.9	8.6	8.7
Relative Feed Value		342	415	309	341
Metabolizable Energy	MJ/kg	12.6	13.1	12.6	12.7
Acid Detergent Fibre	%	9.8	6.6	10.0	9.2
Neutral Detergent Fibre	%	22.1	18.7	24.4	22.3

Analysis	Unit	TW11-09671.005 Urambie Barley Seedlings	TW11-09671.006 Quoll 2000 Wheat Seedlings		
Starch - Total	%	-	-		
Moisture	%	69.2	62.9		
Dry Matter	%	30.8	37.1		
Protein	%	10.2	11.4		
Digestible Protein	%	7.1	8.0		
Digestible Dry Matter	%	82.8	86.5		
Total Digestible Nutrient	%	80.8	84.2		
DM Intake % of Body Weight	%	4.9	8.0		
Net Energy Lactation	MJ/kg	7.8	8.2		
Net Energy Gain	MJ/kg	5.6	6.0		
Net Energy Maintenance	MJ/kg	8.6	9.0		
Relative Feed Value		308	527		
Metabolizable Energy	MJ/kg	12.6	13.3		
Acid Detergent Fibre	%	10.1	5.2		
Neutral Detergent Fibre	%	24.5	15.0		

Results are on a 'dry matter' basis.
 Protein is N x 6.25

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Analysed Between 25/10/2011 - 04/11/2011

Method of Analysis	Unit	Det.Lim.	Method
Moisture	%	0.1	RFV001
Dry Matter	%	0.1	RFV001
Protein	%	0.1	RFV001
Digestible Protein	%	0.1	RFV001
Digestible Dry Matter	%	0.1	RFV001
Total Digestible Nutrient	%	0.1	RFV001
DM Intake % of Body Weight	%	0.1	RFV001
Net Energy Lactation	MJ/kg	0.1	RFV001
Net Energy Gain	MJ/kg	0.1	RFV001
Net Energy Maintenance	MJ/kg	0.1	RFV001
Relative Feed Value		1	RFV001
Metabolizable Energy	MJ/kg	0.1	RFV001
Acid Detergent Fibre	%	0.1	RFV001
Neutral Detergent Fibre	%	0.1	RFV001
Starch - Total	%	0.1	STA001

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Sample Method Summary

TW11-09671.001

MST001 Two Stage Moisture Calculations
 NIR004 Relative feed value constituents by NIR (NIR004)
 RFV001 Relative Feed Value Report Scheme and Calculations on a DM basis (RFV001)
 STA001 Starch - Total

TW11-09671.002

ADF, NDF and Lignin by Sequential Extraction
 MST001 Two Stage Moisture Calculations
 NIR004 Relative feed value constituents by NIR (NIR004)
 RFV001 Relative Feed Value Report Scheme and Calculations on a DM basis (RFV001)
 STA001 Starch - Total

TW11-09671.003

MST001 Two Stage Moisture Calculations
 NIR004 Relative feed value constituents by NIR (NIR004)
 RFV001 Relative Feed Value Report Scheme and Calculations on a DM basis (RFV001)
 STA001 Starch - Total

TW11-09671.004

MST001 Two Stage Moisture Calculations
 NIR004 Relative feed value constituents by NIR (NIR004)
 RFV001 Relative Feed Value Report Scheme and Calculations on a DM basis (RFV001)

TW11-09671.005

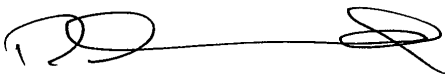
MST001 Two Stage Moisture Calculations
 NIR004 Relative feed value constituents by NIR (NIR004)
 RFV001 Relative Feed Value Report Scheme and Calculations on a DM basis (RFV001)

TW11-09671.006

ADF, NDF and Lignin by Sequential Extraction
 MST001 Two Stage Moisture Calculations
 NIR004 Relative feed value constituents by NIR (NIR004)
 RFV001 Relative Feed Value Report Scheme and Calculations on a DM basis (RFV001)

The analyses presented in the report refer exclusively to the samples analysed.

The presented report can only be reproduced in its entirety.



Robert Lascelles - Chief Chemist

For and on behalf of SGS Australia Pty Ltd

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