

MAD BARN INC
38 MEADOWCLIFF PL
PETERSBURG ON N0B 2H0
CANADA

Job Number : GF18-00366

Received : 04-Sep-2018

Completed : 10-Sep-2018

Order Reference : Scott-Finishing Touch...Quick Feeds

Commodity/Product: Optimal

Client Sample ID: 2

Analysis	Dry Basis	As Is
Dry matter (%)	--	92.83
Moisture (%)	--	7.17
PROTEIN		
Protein {N x 6.25} (%)	32.70	30.35
FIBRES		
ADF (%)	7.17	6.65
aNeutral Detergent Fibre (%)	23.7	22.0
NON-FIBRES		
Ethanol Soluble CHO (%)	7.69	7.14
Starch (%)	4.38	4.07

Analysis	Dry Basis	As Is
MINERALS		
Calcium (%)	4.25	3.94
Phosphorus (%)	2.01	1.86
Potassium (%)	1.61	1.49
Magnesium (%)	1.14	1.06
Sodium (%)	1.70	1.58
Copper (ppm)	216.18	200.68
Iron (ppm)	1101.78	1022.77
Manganese (ppm)	597.11	554.29
Zinc (ppm)	643.29	597.16
ENERGY (ADF Based)		
TDN (%)	89.35	82.94
Net Energy {lac} (Mcal/kg)	1.79	1.66
Net Energy {gain} (Mcal/kg)	1.73	1.60
Net Energy {maint} (Mcal/kg)	2.46	2.28

NOTE:
The analysis report above refers to the time and place of testing, and strictly to the supplied sample(s) only, without reference to any other matter. This report does not evidence or refer to any consignment or shipment or/and SGS sampling and inspection.

Signed and dated in Guelph, ON
On 10-Sep-2018

For and on behalf of SGS Canada Inc., Agriculture and Food



Jack Legg
Branch Manager

Report File Reference Number: 0000091604

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