

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.
 PO Box 669 Maugansville, MD 21767 301-790-1980

October 08, 2012
 Sample No : 13782159

ANALYSIS RESULTS Type: CORN GLUTEN FEED

Moisture	51.9	%	Minerals		
Dry Matter	48.1	%	Ash	8.2	% DM
Proteins			Calcium	0.06	% DM
Crude Protein	21.2	% DM	Phosphorus	1.11	% DM
Adjusted Protein	21.2	% DM	Magnesium	0.52	% DM
Soluble Protein	62.6	% CP	Potassium	1.67	% DM
Ammonia			Sulfur		
ADF Protein (bound protein)			Sodium	0.082	% DM
NDF Protein			Iron	171	PPM
Rumen Degr Protein			Manganese	22	PPM
Rumen Undgr Protein (Strep. G)			Zinc	87	PPM
			Copper	5	PPM
			Selenium		
Fibers			Molybdenum		
Acid Detergent Fiber	6.7	% DM	Nitrate Ion		
Neutral Detergent Fiber	22.8	% DM	Chloride Ion		
Crude Fiber			DCAD (Meq/100gdm)		
Lignin					
Lignin / NDF Ratio			Energy / Indexes		
Soluble fiber			TDN		
peNDF			Net Energy Lactation		
NDF Digestibility, Invitro			Net Energy Maintenance		
12 hr digestibility			Net Energy Gain		
24 hr digestibility			Relative Feed Value (RFV)		
30 hr digestibility			Relative Feed Quality (RFQ)		
48 hr digestibility			Milk/ton		
Indigestible NDF, Invitro 120 HR			NFC		
NDF Dig. Rate (Kd)			Enzymatic NSC		
Non-Fibers, Structure, Utilization			Qualitative		
Digestible Dry Matter (fast)			pH		
Sugar			Total VFA		
Starch	34.2	% DM	Lactic acid		
--Enzyme Available			--Lactic/TVFA		
--Digestibility, 2 hr			Acetic acid		
--Digestibility, 7 hr			Propionic acid		
Fatty Acids, Total			Butyric acid		
Crude Fat			Isobutyric acid		
Acid hydrolysis fat			1, 2 Propandiol		
CS Processing Score			Titrateable Acidity (meq NaOH)		
Particle size > 0.75"					
... 0.31" - 0.75"			Mold		
... < 0.31"			Yeast		

O'BRIEN, PAT

Sample : WET CORN GLUTEN FEED
 Farm Name :
 SmpId/Rcvd : 09/30/2012 | 10/03/2012
 Complete : October 08, 2012
 Regression : NY
 Originator :