

**Show Me Energy Cooperative**  
 102 SW 58 Hwy  
 Centerview, MO 64019

**Date Received:** 3/8/2010  
**Date Reported:** 3/17/2010

**Purchase Order #:**

**Attn:** Steve Flick

**Sample Log No:** 10C0910

**Sample Designation:** Pellets

	METHOD	UNITS	MOISTURE FREE	AS RECEIVED
Moisture Total	ASTM D3173	wt. %		10.03
Ash	ASTM D3174	wt. %	4.61	4.15
Sulfur	ASTM D3175	wt. %	0.082	0.073
Net Cal. Value at Const. Pressure	ISO 1928	GJ/tonne	17.56	15.56
Net Cal. Value at Const. Pressure	ISO 1928	J/g	17564	15558
Gross Cal. Value at Const. Vol.	ASTM E711	J/g	18795	16909
Gross Cal. Value at Const. Vol.	ASTM E711	Btu/lb	8081	7270
Carbon	ASTM D5373	wt. %	47.77	42.98
Hydrogen	ASTM D5373	wt. %	5.65	5.08
Nitrogen	ASTM D5373	wt. %	0.57	0.51
Oxygen	ASTM D3176	wt. %	41.32	37.18
Chlorine	ASTM D6721	mg/kg	1378	1240

Prepared By: Kevin Anderson

Date: 3/17/10