



E A S T E R N I N S T R U M E N T S



CentriFlow®

# Material Test Report

Petroleum Coke



CentriFlow®

Date Tested:	January 27, 2005	Temperature:	Ambient (78°F/25.6°C)
Technician:	Scott Tupper	Particle Size:	Under 0.001"
Test Location:	Eastern Instruments	Flowability:	Above Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft <sup>3</sup> /min	Density (lb/ft <sup>3</sup> ):	60-80 lbs/ft <sup>3</sup>
Feed System:	Rotary Valve	Inhibit Setting:	0.200 Volts



Test #1		Percent of Volumetric Capacity = 75%							
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight					% Error
1	35.10	35.04	0.998	-0.06					-0.17%
2	34.94	34.89	0.999	-0.05					-0.14%
3	35.04	34.98	0.998	-0.06					-0.17%
4	35.04	34.99	0.999	-0.05					-0.14%
5	35.04	34.96	0.998	-0.08					-0.23%
Average:			0.998						
STD:			0.00035						
% STD:			0.03%						

**Additional Comments:** Tested w ith a 6" CentriFlow® Type II Meter equipped w ith VibraWeigh®. Run time w as 7 seconds per batch.

### Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within  $\pm 0.25\%$  of reading when operating within  $\pm 10\%$  of the calibrated flow rate, as long as the flow rate is within the operational range of the meter."