



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



CentriFlow®

# Material Test Report

Kaolin Clay



CentriFlow®

Date Tested:	April 28, 2003	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	Under 0.001"
Test Location:	Eastern Instruments	Flowability:	Above Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	None to Slight
Meter Capacity:	6.75 ft <sup>3</sup> /min	Density (lb/ft <sup>3</sup> ):	50 lb/ft <sup>3</sup>
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



**Picture Not Available**

Test #1	Percent of Volumetric Capacity = 35%								
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error				
1	42.16	42.23	1.002	0.070	0.17%				
2	41.28	41.39	1.003	0.110	0.27%				
3	40.94	40.83	0.997	-0.110	-0.27%				
4	45.64	45.56	0.998	-0.080	-0.18%				
5	42.76	42.68	0.998	-0.080	-0.19%				
Average:			0.9996						
STD:			0.0024						
% STD:			0.24%						
Additional Comments: Tested using a 6" CentriFlow® Type II Meter equipped with Vibraveigh®. The run time was 15 seconds per batch.									

### Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within  $\pm 0.50\%$  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."