



EASTERN INSTRUMENTS



CentriFlow®

Material Test Report

Bentonite Clay



CentriFlow®

Date Tested:	April 12, 2014	Temperature:	Ambient (78°F/25.6°C)
Technician:	Ressie Cavanaugh	Particle Size:	Dust
Test Location:	Eastern Instruments	Flowability:	Low
CFM Model:	3" Type L Meter	Cohesiveness:	Slight
Meter Capacity:	0.75 ft ³ /min	Density (lb/ft ³):	40 - 50 lb/ft ³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



Test #1						Full Scale = 2500 lb/hr			
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error				
1	29.08	29.02	1.002	-0.06	-0.21%				
2	25.66	25.67	1.000	0.01	0.04%				
3	26.82	26.84	0.999	0.02	0.07%				
4	28.02	28.00	1.001	-0.02	-0.06%				
5	28.38	28.34	1.002	-0.04	-0.15%				
Average:			1.001						
STD:			0.00123						
% STD:			0.12%						
Additional Comments: Tested using a 3" CentriFlow® Type L Meter using VibraWeigh.									

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within $\pm 0.25\%$ to $\pm 0.50\%$ 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."