



CentriFlow®

Material Test Report

Ground Silica



CentriFlow®

Date Tested:	March 7, 2005	Temperature:	Ambient (78°F/25.6°C)
Technician:	Ressie Cavanaugh	Particle Size:	Powder
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft ³ /min	Density (lb/ft ³):	80-90 lb/ft ³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



Test #2	EFS = 20,000 lb/hr			Percent of Volumetric Capacity = 50%		
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error	
1	30.76	30.73	0.999	-0.026	-0.09%	
2	29.82	29.84	1.001	0.019	0.06%	
3	32.28	32.30	1.001	0.022	0.07%	
4	33.58	33.59	1.000	0.008	0.02%	
5	36.34	36.29	0.999	-0.049	-0.13%	
Average:			1.000			
STD:			0.0009			
% STD:			0.09%			

Additional Comments: Tested using a 6" CentriFlow® Type II Meter. The run time was 15 seconds per batch.

Accuracy Statement:

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