



CentriFlow®

Material Test Report

Alumina Trihydrate



CentriFlow®

Date Tested:	October 1, 2003	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Powder
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	40 lb/ft³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



Test #1	Mass Flow Rate = 15,000 lbs/hr			Percent of Volumetric Capacity = 50%		
Run #	Actual Weight	Metered Weight	Actual/Metered	Delta Weight	% Error	
1	31.72	31.72	1.000	0.000	0.00%	
2	27.50	27.47	1.001	-0.030	-0.11%	
3	29.08	29.06	1.001	-0.020	-0.07%	
4	31.16	31.16	1.000	0.000	0.00%	
5	31.64	31.62	1.001	-0.020	-0.06%	
Average:			1.000			
STD:			0.0005			
% STD:			0.05%			
Additional Comments: Tested with 6" CentriFlow® Type II Meter equipped with VibraWeigh®. The run time was 18 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."