



CentriFlow®

# Material Test Report

Laundry Detergent Granules



CentriFlow®

Date Tested:	February 2, 2000	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	0.05" to Dust
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	None to Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	49 lb/ft³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



Test #1	Percent of Volumetric Capacity = 50% - 75%									
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error					
1	46.40	46.41	1.000	0.010	0.02%					
2	40.34	40.23	0.997	-0.110	-0.27%					
3	58.34	58.31	0.999	-0.030	-0.05%					
4	44.72	44.75	1.001	0.030	0.07%					
5	45.34	45.30	0.999	-0.040	-0.09%					
Average:			0.9994							
STD:			0.0013							
% STD:			0.13%							
Additional Comments: Tested using a 6" CentriFlow® Type II meter with Vibraweigh®. The run time was 10 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."