



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



CentriFlow®

Material Test Report

Wood Chips



CentriFlow®

Date Tested:	June 29, 2000	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	2" to 5"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	12" Type I CentriFlow®	Cohesiveness:	None
Meter Capacity:	15 ft ³ /min	Density (lb/ft ³):	10 lb/ft ³
Feed System:	Belt Conveyor	Inhibit Setting:	0.200 Volts



Test #1	Percent of Volumetric Capacity = 25%							
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error			
1	2.94	2.94	1.002	0.00	0.17%			
2	2.99	2.99	1.002	0.01	0.17%			
3	2.98	3.03	1.018	0.05	1.85%			
4	2.97	2.99	1.008	0.03	0.84%			
5	2.95	2.95	0.998	-0.01	-0.17%			
Average:			1.006					
STD:			0.00803					
% STD:			0.80%					
Additional Comments: Tested using a 12" CentriFlow® Type I Meter in the In-Line Flow Configuration. Run time was 10 seconds per batch.								

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within $\pm 1.00\%$ 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."