



EASTERN INSTRUMENTS



CentriFlow®

# Material Test Report

Cocoa Beans - Dry



CentriFlow®

Date Tested:	January 8, 2011	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	3/4" x 1/2"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow® Meter	Cohesiveness:	None
Meter Capacity:	6.5 ft <sup>3</sup> /min	Density (lb/ft <sup>3</sup> ):	35-40 lbs/ft <sup>3</sup>
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



Test #1	Percent Full Scale = 20,000 lbs/hr								
Run #	Actual Weight		Metered Weight		Actual/Metered		Delta Weight		% Error
1	22.35		22.31		1.002		-0.04		-0.18%
2	22.35		22.33		1.001		-0.02		-0.07%
3	22.34		22.30		1.002		-0.04		-0.19%
4	22.31		22.28		1.002		-0.04		-0.16%
5	22.32		22.27		1.002		-0.05		-0.23%
Average:					1.0017				
STD:					0.0006				
% STD:					0.06%				

Additional Comments: Tested with a 6" CentriFlow® Type II Meter. Please note: All-Welded Pan and VibraWeigh® are recommended.

### Accuracy Statement:

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