



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



CentriFlow®

Material Test Report

Yellow Peas



CentriFlow®

Date Tested:	July 21, 2006	Temperature:	Ambient (78°F/25.6°C)
Technician:	Scott Tupper	Particle Size:	0.10" - 0.35"
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	3" Type II CentriFlow®	Cohesiveness:	None
Meter Capacity:	2.5 ft³/min	Density (lb/ft³):	48 lbs/ft³
Feed System:	Pulse Slide Gate	Inhibit Setting:	0.200 Volts



Test #1	Mass Flow Rate = 1,000 - 2,500 lb/hr			Percent of Volumetric Capacity = 10% - 22%		
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error	
1	22.88	22.88	1.000	0.00	0.00%	
2	23.18	23.17	1.000	-0.01	-0.04%	
3	23.14	23.17	1.001	0.03	0.13%	
4	23.08	23.08	1.000	0.00	0.00%	
5	23.13	23.11	0.999	-0.02	-0.09%	
Average:			1.000			
STD:			0.00081			
% STD:			0.08%			

Additional Comments: Tested with a 3" CentriFlow® Type II Meter. Run time was 60 seconds per batch.

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."