



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



CentriFlow®

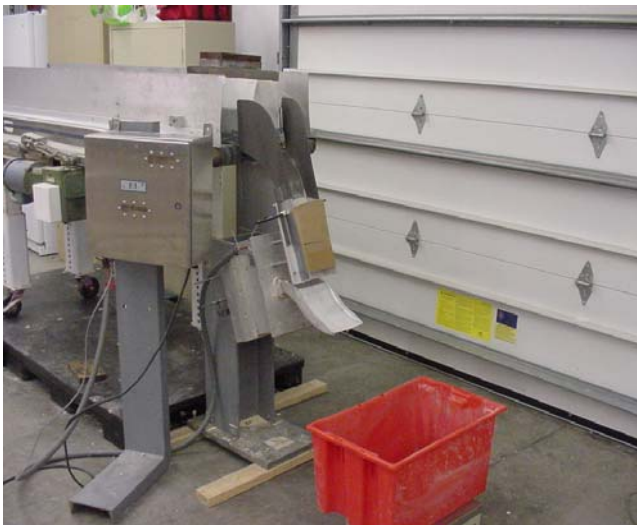
Material Test Report

Popcorn Shaped Dried Lactose Material



CentriFlow®

Date Tested:	January 31, 2007	Temperature:	Ambient (78°F/25.6°C)
Technician:	Scott Tupper	Particle Size:	Fines to 3"
Test Location:	Eastern Instruments	Flowability:	Above Average
CFM Model:	6" Type I CentriFlow®	Cohesiveness:	None
Meter Capacity:	6.75 ft ³ /min	Density (lb/ft ³):	43 lbs/ft ³
Feed System:	Belt Conveyor	Inhibit Setting:	0.200 Volts



Test #1	Mass Flow Rate = 8000 lb/hr				Percent of Volumetric Capacity = 44%		
Run #	Actual Weight	Metered Weight	Actual/Metered	Delta Weight	% Error		
1	13.28	13.24	1.003	-0.04	-0.30%		
2	13.08	13.06	1.002	-0.02	-0.15%		
3	13.02	12.92	1.008	-0.10	-0.77%		
4	13.06	12.95	1.008	-0.11	-0.84%		
5	12.80	12.75	1.004	-0.05	-0.39%		
Average:			1.005				
STD:			0.0030				
% STD:			0.30%				
Additional Comments: Tested using a 6" CentriFlow® Type II Meter equipped with VibraWeigh®. The run times were 6 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."