EASTERN INSTRUMENTS

Material Test Report

Diced Apricots

CentriFlow®

Date Tested:	August 14, 2006	Temperature:	Ambient (78°F/25.6°C)
Technician:	Thomas Britt	Particle Size:	0.25" to 1.00"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	43 lbs/ft³
Feed System:	Belt Conveyor	Inhibit Setting:	0.200 Volts

Test #1	Mass Flow Rate = 5,300 lbs/hr								Percent of Volumetric Capacity = 29%
Run #	Actual Weight		Metered Weight		Actual/Metered		Delta Weight		% Error
1	9.11		9.10		1.002		-0.01		-0.15%
2	8.95		8.96		0.999		0.01		0.08%
3	8.72		8.73		0.999		0.01		0.11%
4	8.86		8.86		1.000		0.00		-0.02%
5	8.86		8.86		1.000		0.00		-0.02%
			Average:		1.000				
			STD:		0.0010				
			% STD:		0.10%				

Additional Comments: Tested with a 6" CentriFlow® Type I Meter in the Reverse Direction Flow Configuration. Run time was 6 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."

416 Landmark Drive
Wilmington, NC 28412

www.easterninstruments.com

Phone:(910) 392-2490
Fax: (910) 392-2123