EASTERN INSTRUMENTS

Material Test Report

Corn Flakes with Raisins

CentriFlow®

CentriFlow®

Date Tested:	November 24, 2001	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	0.5" - 0.125"
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	6" Type I CentriFlow®	Cohesiveness:	None
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	10-15 lbs/ft³
Feed System:	Vibratory Conveyor	Inhibit Setting:	0.200 Volts

Test #1 — **Percent of Volumetric Capacity = 50%**

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	6.27	6.28	1.002	0.010	0.16%
2	6.27	6.28	1.002	0.010	0.16%
3	6.24	6.24	1.000	0.000	0.00%
4	6.26	6.27	1.002	0.015	0.24%
5	6.25	6.27	1.003	0.020	0.32%
		Average:	1.0018		
		STD:	0.0012		
		% STD:	0.12%		

Additional Comments: Tested using a 6" CentriFlow® Type I Meter in the Reverse Direction Flow Configuration. The 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