



CentriFlow®

Material Test Report

Raisins



CentriFlow®

Date Tested:	May 29, 2003	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	1/4" - 1/2"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	12" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	15 ft³/min	Density (lb/ft³):	39 lbs/ft³
Feed System:	Belt Conveyor	Inhibit Setting:	0.200 Volts



Test #1	EFS = 18,000 lb/hr			Mass Flow Rate = 10,000 lb/hr		
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error	
1	50.42	50.55	1.003	0.130	0.26%	
2	50.42	50.47	1.001	0.050	0.10%	
3	50.30	50.32	1.000	0.020	0.04%	
4	50.36	50.30	0.999	-0.060	-0.12%	
5	50.28	50.25	0.999	-0.030	-0.06%	
Average:			1.0004			
STD:			0.0015			
% STD:			0.15%			

Additional Comments: Tested using a 12" CentriFlow® Type I Meter in the In-Line Flow Configuration. The run time was 7 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."