



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



CentriFlow®

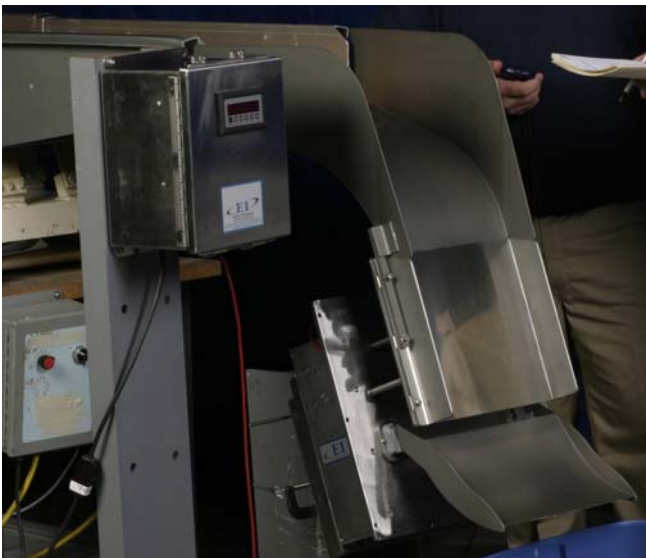
# Material Test Report

Dried Cranberries



CentriFlow®

Date Tested:	May 29, 2003	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	1/4" to 1/2" pieces
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	12" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	15 ft³/min	Density (lb/ft³):	45 lb/ft³
Feed System:	Belt Conveyor	Inhibit Setting:	0.200 Volts



Test #1	EFS = 12,000 lb/hr			Mass Flow Rate = 3,000 lb/hr		
Run #	Actual Weight	Metered Weight	Actual/Metered	Delta Weight	% Error	
1	25.72	25.67	1.002	-0.05	-0.19%	
2	25.68	25.62	1.002	-0.06	-0.23%	
3	25.72	25.71	1.000	-0.01	-0.04%	
4	23.86	23.82	1.002	-0.04	-0.17%	
5	24.00	23.97	1.001	-0.03	-0.13%	
Average:			1.002			
STD:			0.00075			
% STD:			0.07%			

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  $\pm 0.25\%$  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."