EASTERN INSTRUMENTS

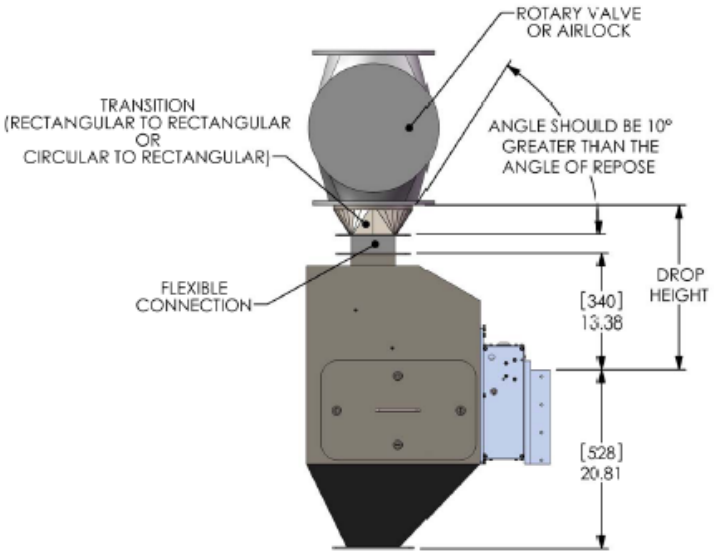
Material Test Report

Whole Kernel Corn

CentriFlow®

CentriFlow®

Date Tested:	June 13, 2006	**Temperature:**	Ambient (78°F/25.6°C)
Technician:	Thomas Britt	**Particle Size:**	0.2" to 0.5"
Test Location:	Eastern Instruments	**Flowability:**	High
CFM Model:	6" Type II CentriFlow®	**Cohesiveness:**	None
Meter Capacity:	6.75 ft³/min	**Density (lb/ft³):**	55 lbs/ft³
Feed System:	Rotary Valve	**Inhibit Setting:**	0.200 Volts



Test #1

Run #	Actual Weight	Metered Weight	Actual/Metered	Delta Weight	% Error
1	27.82	27.81	1.00036	-0.01	-0.04%
2	27.88	27.93	0.99821	0.05	0.18%
3	28.14	28.14	1.00000	0.00	0.00%
4	28.04	28.06	0.99929	0.02	0.07%
5	27.98	27.97	1.00036	-0.01	-0.04%
		Average:	0.9996		
		STD:	0.0009		
		% STD:	0.09%		

Additional Comments: Tested using a 6" CentriFlow® Type II Meter.

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."

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