EASTERN INSTRUMENTS

Material Test Report

Dried Orange Chips

CentriFlow®

CentriFlow®

Date Tested:	August 12, 1999	**Temperature:**	Ambient (78°F/25.6°C)
Technician:	James Seagraves	**Particle Size:**	Dust to 1.00" x 0.125"
Test Location:	Eastern Instruments	**Flowability:**	High
CFM Model:	6" Type II CentriFlow®	**Cohesiveness:**	None
Meter Capacity:	6.75 ft³/min	**Density (lb/ft³):**	20 lb/ft³
Feed System:	Screw Conveyor	**Inhibit Setting:**	0.200 Volts

Test #1 — **Percent of Volumetric Capacity = 75%**

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	21.44	21.45	1.000	0.010	0.05%
2	21.28	21.29	1.000	0.010	0.05%
3	21.28	21.29	1.000	0.010	0.05%
4	21.38	21.39	1.000	0.010	0.05%
5	21.42	21.44	1.001	0.020	0.09%
		Average:	1.0006		
		STD:	0.0002		
		% STD:	0.02%		

Additional Comments: Tested using a 6" CentriFlow® Type II Meter. The run time was 17 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."

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