MTR No. 0054-V

EASTERN INSTRUMENTS

Material Test Report

Dried Orange Pellets

CentriFlow®

CentriFlow®

Date Tested:	August 12, 1999	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	0.40" Diameter x 0.80" Long
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	None
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	45 lb/ft³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts

Picture Not Available

Test #1							Percent of Volumetric Capacity = 75%
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error		
1	23.84	23.84	1.000	0.000	0.00%		
2	23.86	23.86	1.000	0.000	0.00%		
3	23.86	23.88	1.001	0.020	0.08%		
4	23.90	23.90	1.000	0.000	0.00%		
5	23.48	23.51	1.001	0.030	0.13%		
		Average:	1.0004				
		STD:	0.0006				
		% STD:	0.06%				

Additional Comments: Tested using a 6" CentriFlow® Type II Meter with Vibraweigh®. The run time was 8 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