EASTERN INSTRUMENTS

CentriFlow®

Material Test Report

Lime, Powdered

CentriFlow®

Date Tested:	August 5, 1999	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Under 0.001"
Test Location:	Eastern Instruments	Flowability:	Above Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	50-55 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	22.92	22.95	1.001	0.030	0.13%
2	22.70	22.75	1.002	0.050	0.22%
3	22.56	22.55	1.000	-0.010	-0.04%
4	22.44	22.45	1.000	0.010	0.04%
5	22.88	22.85	0.999	-0.030	-0.13%
		Average:	1.000		
		STD:	0.0014		
		% STD:	0.14%		

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

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