



EASTERN INSTRUMENTS



CentriFlow®

Material Test Report

Calcium Stearate



CentriFlow®

Date Tested:	February 16, 2011	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	0.001" - 0.015"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	3" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	2.5 ft³/min	Density (lb/ft³):	13 - 25 lbs/ft³
Feed System:	Vibratory Conveyor	Inhibit Setting:	0.50%



Test #1 - 300-800 lb/hr Flow Rate

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	2.38	2.38	0.998	0.00	-0.15%
2	5.12	5.13	1.002	0.01	0.16%
3	3.29	3.28	0.996	-0.01	-0.40%
4	4.15	4.17	1.003	0.01	0.26%
5	3.34	3.35	1.003	0.01	0.33%

Average: 1.000
 STD: 0.00306
 % STD: 0.31%

Additional Comments: Tested with a 3" CentriFlow® Type II Meter with SS flow surfaces, 56° Diverter, and VibraWeigh.

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within $\pm 1.00\%$ 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."