

EASTERN INSTRUMENTS



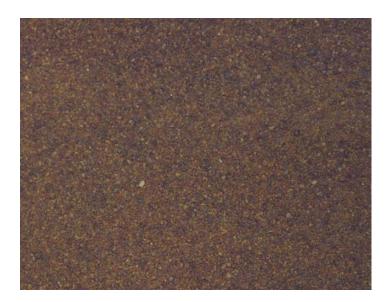
Material Test Report

Corn Gluten Meal



Date Tested:	August 9, 2011	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Granular Powder
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	6" Type II CentriFlow [®]	Cohesiveness:	None
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	50-60 lbs/ft ³
Feed System:	Screw Conveyor	Inhibit Setting:	0.50%





Test #1	Mass Flow Rate	Full Scale = 25,000 lb/hr			
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	43.72	42.88	1.0197	-0.84	-1.93%
2	46.44	45.50	1.0207	-0.94	-2.02%
3	50.88	49.96	1.0184	-0.92	-1.81%
4	44.28	43.43	1.0196	-0.85	-1.92%
5	41.82	40.96	1.0210	-0.86	-2.06%
		Average:	1.0199		
		STD:	0.00102		
		% STD:	0.10%		

Additional Comments: Tested with a 6" CentriFlow® Type II Meter with a 45 Degree Diverter. Readings use the Calibration Voltage from Corn Germ.

Accuracy Statement:

"The CentriFlow $^{\circ}$ Meter will provide accuracy to within $\pm 0.25\%$ 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."