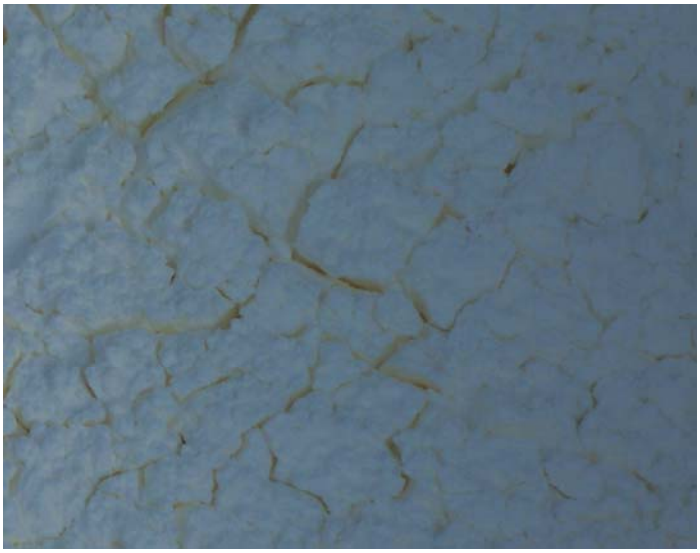
EASTERN INSTRUMENTS

Material Test Report

Dry Corn Starch

CentriFlow®

Date Tested:	August 9, 2011	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Fine Powder
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	40-45 lbs/ft³
Feed System:	Screw Conveyor	Inhibit Setting:	0.50%



Test #1	Mass Flow Rate = 6,000 - 8,000 lb/hr			Full Scale = 15,000 lb/hr
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	24.00	24.04	0.9983	0.04	0.167%
2	18.78	18.83	0.9976	0.04	0.240%
3	16.76	16.77	0.9996	0.01	0.040%
4	19.08	19.08	0.9998	0.00	0.017%
5	20.72	20.74	0.9990	0.02	0.105%
		Average:	0.9989		
		STD:	0.00091		
		% STD:	0.09%		

Additional Comments: Tested with a 6" CentriFlow® Type II Meter equipped with VibraWeigh and a 56 Degree Diverter.

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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