



E A S T E R N I N S T R U M E N T S



CentriFlow®

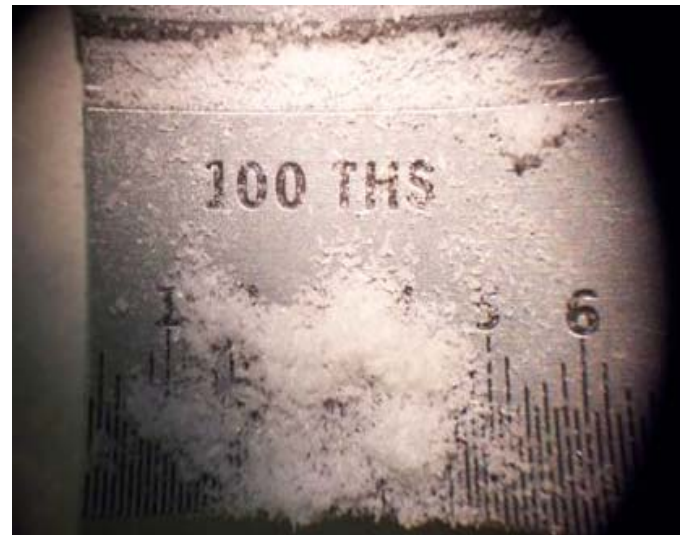
Material Test Report

Dextrose



CentriFlow®

Date Tested:	May 26, 2009	Temperature:	Ambient (78°F/25.6°C)
Technician:	Scott Tupper and James Seagraves	Particle Size:	Very Fine Powder
Test Location:	Eastern Instruments	Flowability:	Low
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft ³ /min	Density (lb/ft ³):	36 lbs/ft ³
Feed System:	Screw Conveyor (set to 30 Hz.)	Inhibit Setting:	0.50%



Test #1	Mass Flow Rate = 14000 lbs/hr			Percent of Volumetric Capacity = 93%		
Run #	Actual Weight	Metered Weight	Actual/Metered	Delta Weight	% Error	
1	24.92	24.95	0.999	0.030	0.12%	
2	25.26	25.35	0.996	0.090	0.36%	
3	25.58	25.66	0.997	0.080	0.31%	
4	25.70	25.66	1.002	-0.040	-0.16%	
5	26.14	26.18	0.998	0.040	0.15%	
Average:			0.9984			
STD:			0.0020			
% STD:			0.20%			
Additional Comments: Tested using a 6" CentriFlow® Type II Meter with UHMW lined flow surfaces.						

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within $\pm 0.50\%$ 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."