



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



CentriFlow®

# Material Test Report

Glass Frit (Porcelain)



CentriFlow®

Date Tested:	June 2, 2004	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	0.01" - 0.30" Flakes
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	12" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	15 ft <sup>3</sup> /min	Density (lb/ft <sup>3</sup> ):	65 lb/ft <sup>3</sup>
Feed System:	Belt Conveyor	Inhibit Setting:	0.200 Volts



Test #1									
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error				
1	13.00	13.03	1.002	0.03	0.23%				
2	12.98	13.03	1.004	0.05	0.39%				
3	12.94	12.94	1.000	0.00	0.00%				
4	12.92	12.92	1.000	0.00	0.00%				
5	15.12	15.13	1.001	0.01	0.07%				
Average:			1.001						
STD:			0.00168						
% STD:			0.17%						
Additional Comments: Tested using a 12" CentriFlow® Type I Meter in the In-Line Flow Configuration. The run time was 5-10 seconds per batch.									

### Accuracy Statement:

"The CentriFlow® 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."