



CentriFlow®

# Material Test Report

Terephthalic Acid (TA-22)



CentriFlow®

Date Tested:	February 15, 1999	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	0.0014"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	65 lb/ft³
Feed System:	Slide Hopper	Inhibit Setting:	0.200 Volts



Test #1		Percent of Volumetric Capacity = 75%							
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight					% Error
1	73.60	73.66	1.001	0.060					0.08%
2	73.70	73.84	1.002	0.140					0.19%
3	73.90	74.16	1.004	0.260					0.35%
4	73.20	73.50	1.004	0.300					0.41%
5	73.70	73.96	1.004	0.260					0.35%
Average:			1.003						
STD:			0.0014						
% STD:			0.14%						
<b>Additional Comments:</b> Tested using a 6" CentriFlow® Type II Meter equipped with Vibraweight®. The run time was 10 seconds per batch.									

### 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."