MTR No. 0058-V

EASTERN INSTRUMENTS

Material Test Report

Powdered Milk Replacer

CentriFlow®

CentriFlow®

Date Tested:	April 5, 1999	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Under 0.002"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	35 lbs/ft³
Feed System:	Screw Feeder	Inhibit Setting:	0.200 Volts

Picture Not Available

Test #1 — **Percent of Volumetric Capacity = 50%**

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	44.16	44.13	0.999	-0.03	-0.07%
2	43.76	43.75	1.000	-0.01	-0.02%
3	43.26	43.29	1.001	0.03	0.07%
4	44.88	44.92	1.001	0.04	0.09%
5	43.96	44.03	1.002	0.07	0.16%
		Average:	1.000		
		STD:	0.0009		
		% STD:	0.09%		

Additional Comments: Tested using a 6" CentriFlow® Type II Meter. The run times were 15 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."

416 Landmark Drive
Wilmington, NC 28412

www.easterninstruments.com

Phone:(910) 392-2490
Fax: (910) 392-2123