



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



CentriFlow®

Material Test Report

Herb Seasoned Croutons (Small Cubes)



CentriFlow®

| | | | |
|-----------------|-------------------------|--------------------------------|-----------------------|
| Date Tested: | October 8, 2007 | Temperature: | Ambient (78°F/25.6°C) |
| Technician: | Scott Tupper | Particle Size: | 1/2" x 1/2" - Fines |
| Test Location: | Eastern Instruments | Flowability: | Average |
| CFM Model: | 12" Type I CentriFlow® | Cohesiveness: | None |
| Meter Capacity: | 15 ft ³ /min | Density (lb/ft ³): | 10 lb/ft ³ |
| Feed System: | Vibratory Conveyor | Inhibit Setting: | 0.200 Volts |



| Test #1 | Mass Flow Rate = 3,600 lb/hr | | | | Percent of Volumetric Capacity = 40% | | |
|----------|------------------------------|----------------|----------------|--------------|--------------------------------------|--|--|
| Run # | Actual Weight | Metered Weight | Actual/Metered | Delta Weight | % Error | | |
| 1 | 8.93 | 8.94 | 0.999 | 0.010 | 0.11% | | |
| 2 | 8.99 | 8.99 | 1.000 | 0.000 | 0.00% | | |
| 3 | 9.01 | 9.01 | 1.000 | 0.000 | 0.00% | | |
| 4 | 9.02 | 9.00 | 1.002 | -0.020 | -0.22% | | |
| 5 | 9.00 | 8.99 | 1.001 | -0.010 | -0.11% | | |
| Average: | | | 1.000 | | | | |
| STD: | | | 0.0013 | | | | |
| % STD: | | | 0.13% | | | | |

Additional Comments: Tested using a 6" CentriFlow® Type I Meter in the Reverse Feed Flow Configuration, equipped with Vibraweigh®.

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."