



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



CentriFlow®

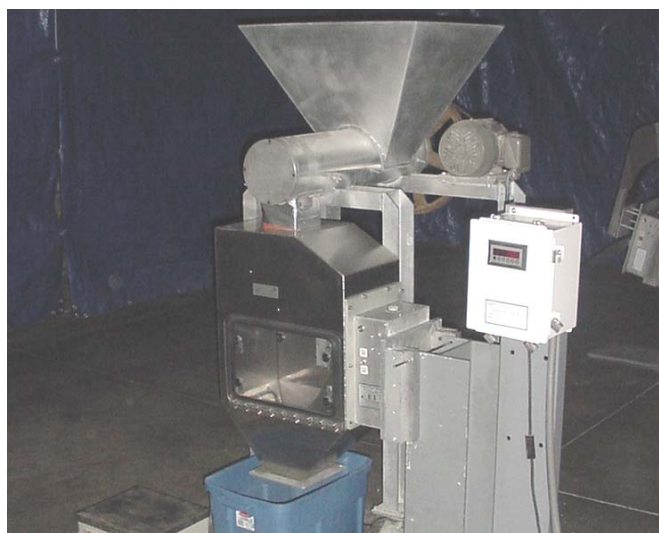
# Material Test Report

Caramel Malt



CentriFlow®

|                 |                           |                                |                       |
|-----------------|---------------------------|--------------------------------|-----------------------|
| Date Tested:    | October 24, 2001          | Temperature:                   | Ambient (78°F/25.6°C) |
| Technician:     | Alan Norman               | Particle Size:                 | 0.25"                 |
| Test Location:  | Eastern Instruments       | Flowability:                   | Above Average         |
| CFM Model:      | 6" Type II CentriFlow®    | Cohesiveness:                  | None                  |
| Meter Capacity: | 6.75 ft <sup>3</sup> /min | Density (lb/ft <sup>3</sup> ): | 35 lb/ft <sup>3</sup> |
| Feed System:    | Screw Conveyor            | Inhibit Setting:               | 0.200 Volts           |



| Test #1   |               | Percent of Volumetric Capacity = 50% |                |              |         |  |  |  |  |
|---|---------------|--------------------------------------|----------------|--------------|---------|--|--|--|--|
| Run #   | Actual Weight | Metered Weight                       | Metered/Actual | Delta Weight | % Error |  |  |  |  |
| 1   | 31.46         | 31.48                                | 1.001          | 0.020        | 0.06%   |  |  |  |  |
| 2   | 31.22         | 31.25                                | 1.001          | 0.030        | 0.10%   |  |  |  |  |
| 3   | 31.16         | 31.15                                | 1.000          | -0.010       | -0.03%  |  |  |  |  |
| 4   | 32.22         | 32.23                                | 1.000          | 0.010        | 0.03%   |  |  |  |  |
| 5   | 29.48         | 29.49                                | 1.000          | 0.010        | 0.03%   |  |  |  |  |
| Average:  |               |                                      | 1.0004         |              |         |  |  |  |  |
| STD:  |               |                                      | 0.0005         |              |         |  |  |  |  |
| % STD:  |               |                                      | 0.05%          |              |         |  |  |  |  |
| Additional Comments: Tested with a 6" CentriFlow® Type II Meter equipped with Vibraweigh®. The run time was 15 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."