



CentriFlow®

Material Test Report

Sodium Chloride



CentriFlow®

Date Tested:	September 19, 2003	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Powder
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	25 lb/ft³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 Volts



Test #2	Flow Rate = 5,200 lb/hr				Percent of Volumetric Capacity = 50%		
Run #	Actual Weight	Metered Weight	Actual/Metered	Delta Weight	% Error		
1	13.20	13.16	1.003	-0.040	-0.30%		
2	12.70	12.66	1.003	-0.040	-0.31%		
3	13.02	12.96	1.005	-0.060	-0.46%		
4	14.58	14.64	0.996	0.060	0.41%		
5	13.72	13.79	0.995	0.070	0.51%		
Average:			1.000				
STD:			0.0045				
% STD:			0.45%				
Additional Comments: Tested using a 6" CentriFlow® Type II Meter equipped with Teflon® Flow Surfaces and Vibraweigh®. The run time was 9 seconds per batch.							

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within ±0.50-1.00% 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."