



EASTERN INSTRUMENTS



CentriFlow®

# Material Test Report

Ammonium Dimolybdate



CentriFlow®

Date Tested:	May 24, 2012	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Crystalline Powder
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	3" Type II CentriFlow®	Cohesiveness:	None
Meter Capacity:	2.5 ft³/min	Density (lb/ft³):	72 lbs/ft³
Feed System:	Vibratory Conveyor	Inhibit Setting:	0.50%



Test #1	Mass Flow Rate = 10,000 - 15,000 lb/hr							
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight				% Error
1	24.78	24.80	0.9992	0.02				0.08%
2	24.78	24.77	1.0005	-0.01				-0.05%
3	24.78	24.76	1.0010	-0.02				-0.10%
4	24.76	24.80	0.9984	0.04				0.16%
5	24.76	24.73	1.0011	-0.03				-0.11%
Average:			1.000					
STD:			0.00118					
% STD:			0.118%					
Additional Comments: Tested with a 3" CentriFlow® Type II Meter. Run time was extremely low due to lack of product.								

### 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."