

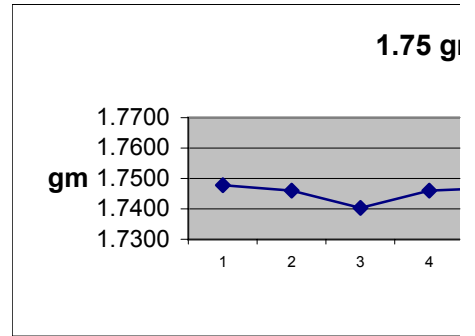
Material Lithium Tetra- Borate
 Desired range 1.5 to 2.5 gm
 Desired accuracy Plus/Minus 0.002 gm

Est. Bulk Density 0.5 gm/cc

Micrometer setting	Sample weight gm	Vacuum (1in hg)	Air (psi)	Control unit settings
1.00 Start	1.7478	10	10	low pack
	1.7460			
	1.7403			
Run	1.7460	20	12	change vac to 20
	1.7469			
	1.7560			
	1.7470			
	1.7467			
	1.7511			
	1.7587			
	1.7587			
	1.7584			

high= 1.7587
 low = 1.7403
 Delta= 0 .0184

1.7503 Av
 1.7503 Mean
 0.0062 Std Dev



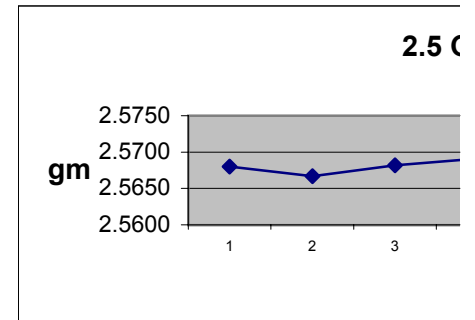
1.50 Run

2.5680
 2.5667
 2.5682
 2.5691
 2.5694
 2.5696
 2.5678
 2.5700
 2.5715
 2.5718

22 14 Change Micromet
 Adjusted air/vac

high= 2.5718
 low = 2.5667
 Delta= 0 .0051

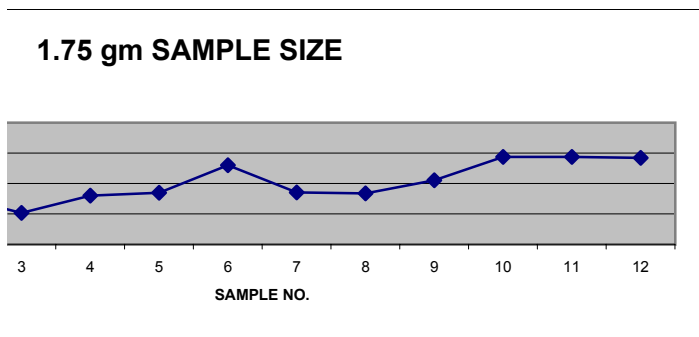
2.5692 Av
 2.5692 Mean
 0.0016 Std Dev



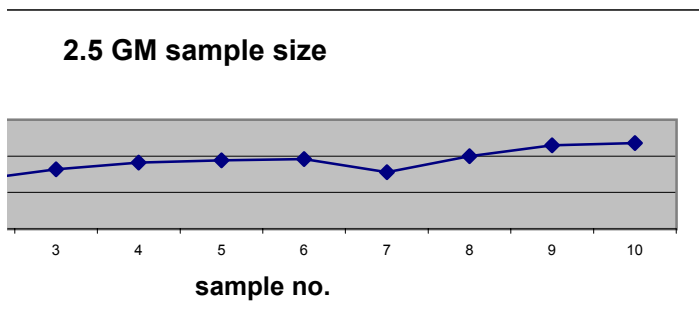
Material tap density varied in container as shipped. Sifting powder prior to pipetting improves repeatability

Average sample Cycle time =6 sec. After calibtation

Pipe powder as supplied



ter **Sifted powder**



(2.5 gm samples)

