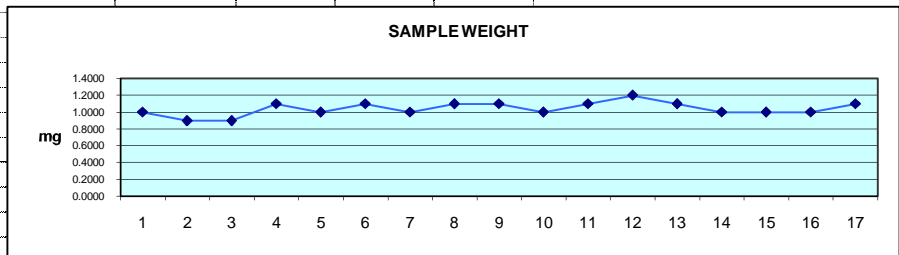


Customer							Date	9/16/2005
Material	Aspartame (sugar substitute)			Bulk Density	.53 - 6.6 gm/cc			
Desired Sample size	1 mg.			Particle size	5 -10 micron	rh	55%	
Desired accuracy	+/-1.0% Repeatability			Pipette Size	.125 dia.			

Micrometer setting	0.05	Sample weight	Control unit settings	
		mg	Vacuum (in hg)	Air (psi)
			5	8
	sharp	1.0000		
	edge	0.9000		
	scraper	0.9000		
		1.1000		
Material is		1.0000		
hygroscopic,		1.1000		
bulk density		1.0000		
changes over		1.1000		
time.		1.1000		
		1.0000		
		1.1000		
		1.2000		
		1.1000		
		1.0000		
		1.0000		
		1.0000		
		1.1000		



1.0412	Av
1.0383	Mean
0.0795	Std Dev

Notes:
Resolution limited to Analytical balance scale accurate to 4 places to right of decimal.
Samples tended to pack using the scraper plate. Change of tap density. Used sharp edge of scraper/leveling plate.
Suggest sharp edge or wire to level tip end for small samples.
Sample testing used sharp edge scraper