Balance Weights Calibration Log

Calibration Date: _____

Name of Analyst & Workgroup: _____

Serial Number of Working Weight(s): _____

Location of Analytical Balance: _____

Serial Number of Analytical Balance: _____

Balance Decimal Places: _____

Comments: _____

Standard Weight(s) Set	Serial No.	Exp. Date
Troemner UltraClass, 1 mg – 100 g, ANSI Class 0	4000012843	
Troemner UltraClass, 300 g, ANSI Class 0	1000025180	
Troemner UltraClass, 2000 g, ANSI Class 0	1000025179	

Note: Traceable Certified Reference weight sets consist of weights that are Class 1 or better. Their calibrations are valid for a period of five (5) years. Working Weights used in the lab are generally Class S weights and need to be calibrated at least once every 12 months. Calibrations should be done on a high precision analytical balance with a resolution of 0.0001 g or better.

Nominal Weight (Wn) (grams)	Tolerance (Wt) of Nominal Weight (grams)	Standard Weight (Ws) (grams)	Working Weight (Ww) (grams)	Difference Wd = Ws - Ww (grams)	In Calibration, Wd ≤ Wt (Y/N)?	Analyst Initials
2000	2					
300	0.3					
100	0.1					
50	0.05					
20	0.02					
20	0.02					
10	0.01					
5	0.005					
2	0.002					
2	0.002					
1	0.001					
0.5	0.005					
0.2	0.002					
0.2	0.002					
0.1	0.002					
0.05	0.001					
0.02	0.0004					
0.02	0.0004					
0.01	0.0002					
0.005	0.0002					
0.002	0.0001					
0.001	0.0001					