

Calibration Date: 3/28/2016

Calibration By: KS

Calibration Due: 9/28/2016

Using:

Use Procedure: WI-L-AMER-Cali-992

Audit

Description: Weights

Serial: 39392

Model: Ainsworth

Asset #: 29

Weight (G)	Scale reading	Deviation G	Deviation %
0.003	0.003	0.0000	0.00%
0.01	0.0099	-0.0001	-1.00%
0.02	0.02	0.0000	0.00%
0.03	0.03	0.0000	0.00%
0.05	0.05	0.0000	0.00%
0.1	0.1001	0.0001	0.10%
0.2	0.2	0.0000	0.00%
0.3	0.2999	-0.0001	-0.03%
0.5	0.5	0.0000	0.00%
1	1	0.0000	0.00%
2	2.0001	0.0001	0.01%
3	3.0002	0.0002	0.01%
5	5.0002	0.0002	0.00%
10	10.0002	0.0002	0.00%
20	20.0002	0.0002	0.00%
30	30.0003	0.0003	0.00%
50	50.0002	0.0002	0.00%
100	99.9999	-0.0001	0.00%

Average Deviation: 0.0000667

Standard Deviation: 0.000123669

Scale accuracy

Total Uncertainty:

0.0001

0.000344897

Reviewed by: 

Date: 3/28/16

Measurement Uncertainty is calculated using the following formula:

$$O.M.U. = k \cdot \sqrt{(A.D.)^2 + (S.D.)^2 + (R.M.U./2)^2}$$

O.M.U. = Overall Measurement Uncertainty

A.D. = Average Deviation of the difference of all measured results compared to the reference value.