



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY
 MIKE STRAIN DVM
 COMMISSIONER



Submitted by: **Michelli Scales**
 2234 Industrial Drive, Suite D
 Sulphur, LA 70665

Test Date: **3-11-2010**
 Test Number: **T10-071**
 P. O. Number:

Agricultural & Environmental Sciences
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Soil & Water Conservation
 P.O. Box 3554
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REPORT OF TEST

For Items

20-50 lb test weights
 1-25 lb test weight

This report is to certify the standards described below were tested for compliance with the tolerances stated in NIST HB 105-1, "Specifications and Tolerances for Field Standard Weights" (NIST Class F). These items were compared to the standards of the State of Louisiana which are traceable to National Institute of Standards and Technology. The as found value is the mass difference from nominal as received. The as left value is the mass difference from nominal of the item after adjustments if needed in normal air at 20°C ±2°C and relative humidity of 50% ± 10% versus a reference density of 8.0 g/cm³ using NIST SOP 8. Tolerances are evaluated using the as left value. The expanded uncertainty is determined by using NIST SOP 29, as a guide, and is obtained by taking the root sum of the squares of Type A and Type B uncertainties and multiply by a k-factor of 2. This report has been issued under the authority of the Louisiana Department of Agriculture & Forestry Weights & Measures Division, pursuant to LA Revised Statue 3:4601 et seq.

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Form No. RT01

Revision Date: October 28, 2005

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Nominal	ID Number	As Found (mg)	As Left (mg)	Uncertainty (mg)	Tolerance (mg)	Action
50 lb	ML43	645	645	73	2300	Pass
50 lb	ML44	545	545	73	2300	Pass
50 lb	ML46	-130	-130	73	2300	Pass
50 lb	ML162	910	910	73	2300	Pass
50 lb	ML164	5700	80	73	2300	Pass
50 lb	ML168	-915	-915	73	2300	Pass
50 lb	ML170	1775	1775	73	2300	Pass
50 lb	ML175	-1325	-1325	73	2300	Pass
50 lb	ML176	-2520	275	73	2300	Pass
50 lb	ML186	15	15	73	2300	Pass
50 lb	ML194	-470	-470	73	2300	Pass
50 lb	ML196	810	810	73	2300	Pass
50 lb	ML197	1325	1325	73	2300	Pass
50 lb	MNL152	500	500	73	2300	Pass
50 lb	MNL155	-120	-120	73	2300	Pass
50 lb	MNL158	1640	1640	73	2300	Pass
50 lb	MNL160	-1445	-1445	73	2300	Pass
50 lb	MNL161	-75	-75	73	2300	Pass
50 lb	MNL165	-1755	-1755	73	2300	Pass
50 lb	MNL166	-885	-885	73	2300	Pass
25 lb	MF14	255	255	129	1100	Pass

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