



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM

COMMISSIONER



Submitted by: **Michelli Scales**
9663 Mammoth Ave.
Baton Rouge, LA 70814

Test Date: 1-28-2010
Test Number: T10-021
P. O. Number:

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 Statute 3:4601 et seq.

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Nominal	ID Number	As Found (mg)	As Left (mg)	Uncertainty (mg)	Tolerance (mg)	Action
50 lb	KL1	-25	-25	73	2300	Pass
50 lb	KL2	-2005	-2005	73	2300	Pass
50 lb	ML3	-2415	245	73	2300	Pass
50 lb	ML5	-740	-740	73	2300	Pass
50 lb	ML6	1935	1935	73	2300	Pass
50 lb	ML7	250	250	73	2300	Pass
50 lb	ML8	1405	1405	73	2300	Pass
50 lb	ML13	-750	-750	73	2300	Pass
50 lb	ML19	-1090	-1090	73	2300	Pass
50 lb	ML27	430	430	73	2300	Pass
50 lb	ML31	-1285	-1285	73	2300	Pass
50 lb	ML32	-4305	130	73	2300	Pass
50 lb	ML34	-250	-250	73	2300	Pass
50 lb	ML36	-1290	-1290	73	2300	Pass
50 lb	ML47	-3405	145	73	2300	Pass
50 lb	ML48	-1305	-1305	73	2300	Pass
50 lb	ML49	935	935	73	2300	Pass
50 lb	ML50	885	885	73	2300	Pass
50 lb	ML51	-2765	220	73	2300	Pass
50 lb	ML52	765	765	73	2300	Pass
25 lb	MF3	-1315	280	128	1100	Pass

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