



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM

COMMISSIONER



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

Test Date: 4-22-2010
Test Number: T10-113
P. O. Number:

REPORT OF TEST

For Items

18-50 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	ML41	365	365	73	2300	Pass
50 lb	ML163	380	380	73	2300	Pass
50 lb	ML171	295	295	73	2300	Pass
50 lb	ML172	-1405	-1405	73	2300	Pass
50 lb	ML173	-785	-785	73	2300	Pass
50 lb	ML174	-190	-190	73	2300	Pass
50 lb	ML177	1395	1395	73	2300	Pass
50 lb	ML179	1465	1465	73	2300	Pass
50 lb	ML181	445	445	73	2300	Pass
50 lb	ML182	45	45	73	2300	Pass
50 lb	ML187	3305	170	73	2300	Pass
50 lb	ML191	-85	-85	73	2300	Pass
50 lb	ML192	970	970	73	2300	Pass
50 lb	ML199	-115	-115	73	2300	Pass
50 lb	MNL146	1045	1045	73	2300	Pass
50 lb	MNL147	-1190	-1190	73	2300	Pass
50 lb	MNL149	465	465	73	2300	Pass
50 lb	MNL168	1360	1360	73	2300	Pass
25 lb	MF15	85	85	128	1100	Pass

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