



# LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM

COMMISSIONER



**Submitted by: Michelli Scales  
130 Brookhollow  
Harahan, LA 70123**

**Test Date: 5-21-2010  
Test Number: T10-154  
P. O. Number: 11017899**

## REPORT OF TEST

For Items

20-50 lb test weights  
2-25 lb test weights

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/cm<sup>3</sup> 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	MNL100	-17380	145	73	2300	Pass
50 lb	MNL103	-8955	110	73	2300	Pass
50 lb	MNL104	-9885	110	73	2300	Pass
50 lb	MNL105	-11685	125	73	2300	Pass
50 lb	MNL108	-12265	230	73	2300	Pass
50 lb	MNL110	-11070	115	73	2300	Pass
50 lb	MNL111	-7155	205	73	2300	Pass
50 lb	MNL115	-12435	130	73	2300	Pass
50 lb	MNL116	-10665	170	73	2300	Pass
50 lb	MNL117	-7650	220	73	2300	Pass
50 lb	MNL118	-16815	15	73	2300	Pass
50 lb	MNL171	-10220	120	73	2300	Pass
50 lb	MNL172	-8080	125	73	2300	Pass
50 lb	MNL205	-12155	95	73	2300	Pass
50 lb	MNL206	-9395	175	73	2300	Pass
50 lb	MNL207	-9920	115	73	2300	Pass
50 lb	MNL208	-4045	125	73	2300	Pass
50 lb	MNL209	-8135	185	73	2300	Pass
50 lb	MNL210	-9885	70	73	2300	Pass
50 lb	MNL211	-11120	130	73	2300	Pass
25 lb	MNF39	-8500	75	129	1100	Pass
25 lb	MNF40	-8855	270	129	1100	Pass

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