



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: T10-150
P. O. Number: 11017903**

REPORT OF TEST

For Items

6-Assorted metric test weights

Agricultural & Environmental Sciences

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Marketing

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Soil & Water Conservation

P.O. Box 3554
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(225) 922-1269
Fax: 922-2577

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 (kg)	As Left (kg)	Uncertainty (kg)	Tolerance (kg)	Action
500 kg	MS5C1	0.059	0.013	0.004	0.050	Pass
200 kg	MS2C1	0.052	0.007	0.002	0.020	Pass
Nominal	ID Number	As Found (mg)	As Left (mg)	Uncertainty (mg)	Tolerance (mg)	Action
25 kg	MS9	-41670	260	189	2500	Pass
25 kg	MS10	-35120	370	189	2500	Pass
25 kg	MS11	-38315	365	189	2500	Pass
25 kg	MS12	-36675	315	189	2500	Pass

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