



Receipt Date: March 11, 2016
Test Date: March 15, 2016
Report Date: March 16, 2016

State Test No.: 335684
Set Serial No.: I/NONE
Barcode: 201752

Calibration Report

CLOVERDALE FOODS COMPANY
3015 34TH ST NW
MANDAN, ND 58554
Contact: LARRY HUETHER
Phone: 701-667-8512
PO Number: NONE
SOP: 12
Technician ID: 9

Item(s) Submitted: Satin stainless weights
Manufacturer: Rice Lake
ASTM E617 Type: II
Equipment ID#: None
Condition: Fair
Temperature: 20.5 °C
Pressure: 726.5 mmHg
Relative Humidity: 47.9 %

Nominal Value		Serial No.	Correction (mg)		ASTM E617 Class		Uncertainty (mg) (k = 2)
			As Found	As Left	As Found	As Left	
10	lb		10.	10.	4	4	15
10	lb		-82	-82	5	5	15
10	lb		-148	-148	6	6	15
5	lb	1	60.	60.	5	5	12
5	lb		1.0	1.0	4	4	12
5	lb		24	24	4	4	12
5	lb		23	23	4	4	12
5	lb		16	16	4	4	12
2	lb		6.9	6.9	5	5	4.8
2	lb		25.1	25.1	5	5	4.8
1	lb		-14.7	-14.7	5	5	2.8
1	lb		16.1	16.1	5	5	2.8
0.5	lb		1.6	1.6	4	4	2.3

4 **WM-15-765** Filed: 3/22/2016 Pages: 1
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Cloverdale Foods Company

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm³ density and an air density of 1.2 mg/cm³. The items listed above have been compared to the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to ASTM E617 (2013). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). Results apply to items identified in this report only.

Heidi Jones
Heidi Jones
Laboratory Administrator

Reviewed by:
Mark Nicollet
Mark Nicollet
Quality Manager

Page 1 of 1



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