



Dave Heineman
Governor

State of Nebraska

DEPARTMENT OF AGRICULTURE
GREGORY A. IBACH
Director

*Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524*

CERTIFICATION FOR STANDARDS OF MEASUREMENT

Agency: Food Safety & Consumer Protection
Area 15

Date: 3/29/2013
Agency ID: 15
NE Cert No: 20130029
P.O. No:

Submitted By: Kent McConnell

Electronic Copy Page 1

<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
5 gal	05-40547-01	1	VL	A
5 gal	05-40547-02	1	VL	A
5 gal	05-40547-03	1	VL	A
5 gal	39423-A	1	VL	A
5 gal	39423-D	1	VL	A
2 lb	3A11	1	F	A
2 lb	3A11	2	F	A
2 lb	3A11	3	F	A
2 lb	3A11	4	F	A
2 lb	3A11	5	F	A
2 lb	3A11	6	F	A
2 lb	3A11	7	F	A
2 lb	3A11	8	F	A
2 lb	3A11	9	F	A
2 lb	3A11	10	F	A
2 lb	3A11	11	F	A
2 lb	3A11	12	F	A
2 lb	3A11	13	F	A
2 lb	3A11	14	F	A
1 lb	3A11	15	F	A
1 lb	3A11	16	F	A
8 oz	3A11	17	F	A
4 oz	3A11	18	F	A
2 oz	3A11	19	F	A
1 oz	3A11	20	F	A

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Administration
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Lincoln, NE 68509-4947
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<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
0.5 oz	3A11	21	F	A
0.25 oz	3A11	22	F	A
0.125 oz	3A11	23	F	A
0.0625 oz	3A11	24	F	A
0.0625 oz*	3A11	25	F	A
0.3 lb	3A11	26	F	A
0.2 lb	3A11	27	F	A
0.1 lb	3A11	28	F	A
0.05 lb	3A11	29	F	A
0.03 lb	3A11	30	F	A
0.02 lb	3A11	31	F	A
0.01 lb	3A11	32	F	A
0.005 lb	3A11	33	F	A
0.003 lb	3A11	34	F	A
0.002 lb	3A11	35	F	A
0.001 lb	3A11	36	F	A
0.001 lb*	3A11	37	F	A
2 lb	9-OPI-5	1	F	A
2 lb	9-OPI-5	2	F	A
2 lb	9-OPI-5	3	F	A
1 lb	9-OPI-5	4	F	A
8 oz	9-OPI-5	5	F	A
4 oz	9-OPI-5	6	F	A
2 oz	9-OPI-5	7	F	A
1 oz	9-OPI-5	8	F	A
0.5 oz	9-OPI-5	9	F	A
0.25 oz	9-OPI-5	10	F	A
0.125 oz	9-OPI-5	11	F	A
0.0625 oz	9-OPI-5	12	F	A
0.0625 oz*	9-OPI-5	13	F	A
2 kg	K5	1	4	A
2 kg	K6	1	4	A
0.2 lb	N-99-C	1	F	A
0.2 lb*	N-99-C	2	F	A
0.1 lb	N-99-C	3	F	A
0.05 lb	N-99-C	4	F	A

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<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
0.02 lb	N-99-C	5	F	A
0.02 lb*	N-99-C	6	F	A
0.01 lb	N-99-C	7	F	A
0.005 lb	N-99-C	8	F	A
0.002 lb	N-99-C	9	F	A
0.002 lb*	N-99-C	10	F	A
0.001 lb	N-99-C	11	F	A
25 lb	WM25-100	1	F	A
25 lb	WM25-101	1	F	A
25 lb	WM25-102	1	F	A
25 lb	WM25-103	1	F	A
25 lb	WM25-28	1	F	A
25 lb	WM25-38	1	F	A
25 lb	WM25-45	1	F	A
25 lb	WM25-55	1	F	A
25 lb	WM25-56	1	F	A
25 lb	WM25-57	1	F	A
25 lb	WM25-58	1	F	A
25 lb	WM25-59	1	F	A
25 lb	WM25-75	1	F	A
25 lb	WM25-76	1	F	A
25 lb	WM25-77	1	F	A
25 lb	WM25-78	1	F	A
25 lb	WM25-79	1	F	A
25 lb	WM25-96	1	F	A
25 lb	WM25-97	1	F	A
25 lb	WM25-98	1	F	A
300 g	WM-G89-10	1	4	A
200 g	WM-G89-10	2	4	A
100 g	WM-G89-10	3	4	A
50 g	WM-G89-10	4	4	A
30 g	WM-G89-10	5	4	A
20 g	WM-G89-10	6	4	A
10 g	WM-G89-10	7	4	A
5 g	WM-G89-10	8	4	A
3 g	WM-G89-10	9	4	A
2 g	WM-G89-10	10	4	A
1 g	WM-G89-10	11	4	A
500 mg	WM-G89-10	12	4	A
200 mg	WM-G89-10	13	4	A
200 mg*	WM-G89-10	14	4	A
100 mg	WM-G89-10	15	4	A

Submitted By: Kent McConnell


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Denomination	Serial Number	Weight Number	Tolerance	Accept/Reject
50 mg	WM-G89-10	16	4	A
20 mg	WM-G89-10	17	4	A
20 mg*	WM-G89-10	18	4	A
10 mg	WM-G89-10	19	4	A
5 mg	WM-G89-10	20	4	A
2 mg	WM-G89-10	21	4	A
2 mg*	WM-G89-10	22	4	A
1 mg	WM-G89-10	23	4	A

These field standards have been compared with our reference standards and found to be within the tolerances for their class, or condemned, as prescribed by the National Institute of Standards and Technology. These field standards also meet the required specifications.

The reference standards used are traceable to the National Institute of Standards and Technology (NIST). Our traceability is maintained through control charts, regional inter-comparisons and periodic recertifications. This certificate is issued by the Nebraska Department of Agriculture / Division of Weights and Measures. Reproduction of this certificate must include the entire document (including all attached papers).

- See 'Test Results' attached
 See report/letter attached



Craig E. Olsen
Nebraska State Metrologist

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
(402) 471-2087

SOP 4 - Double Substitution - Summary Of Test Results

Agency ID: 15

Agency: Food Safety & Consumer Protection
Area 15

NE Cert No: 20130029

Date: 3/29/2013

P.O. No:

Observer: CEO

Form No.: NE04LF7-R00

Submitted By: Kent McConnell

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Denom.	Serial Number	Wt. No.	True Mass (g)	Conventional Mass (g)	Uncertainty (g)	Comparator used	Standard used
300 g	WM-G89-10	1	300.00285748	300.00193897	0.00009062	CC1201_300g	300g
200 g	WM-G89-10	2	200.00263624	200.00202389	0.00014493	CC1201_200g	200g
100 g	WM-G89-10	3	100.00145210	100.00114593	0.00006150	AT106_100G	100grl
50 g	WM-G89-10	4	50.00096493	50.00081184	0.00003668	AT106_50G	50grl
30 g	WM-G89-10	5	30.00039390	30.00030205	0.00002854	AT106_50G	30grl
20 g	WM-G89-10	6	20.00019532	20.00013408	0.00001989	AT106_20G	20grl
10 g	WM-G89-10	7	10.00030463	10.00027401	0.00001605	AT106_10G	10grl
5 g	WM-G89-10	8	5.00023857	5.00022326	0.00000619	CCE6_5G	5grl
3 g	WM-G89-10	9	3.00028783	3.00027864	0.00000512	CCE6_5G	3grl
2 g	WM-G89-10	10	2.00010367	2.00009755	0.00000512	CCE6_5G	2grl
1 g	WM-G89-10	11	1.00002543	1.00002237	0.00000413	CCE6_1G	1grl
500 mg	WM-G89-10	12	0.50003697	0.50003544	0.00000343	CCE6_1G	500mgrl
200 mg	WM-G89-10	13	0.19996907	0.19996845	0.00000315	CCE6_1G	200mgrl
200 mg*	WM-G89-10	14	0.19997427	0.19997365	0.00000315	CCE6_1G	200mgrl
100 mg	WM-G89-10	15	0.09993344	0.09993314	0.00000218	CCE6_100MG	100mgrl
50 mg	WM-G89-10	16	0.04999492	0.04999476	0.00000217	CCE6_100MG	50mgrl
20 mg	WM-G89-10	17	0.02003526	0.02002936	0.00000214	CCE6_100MG	20mgrl
20 mg*	WM-G89-10	18	0.02003256	0.02002666	0.00000214	CCE6_100MG	20mgrl
10 mg	WM-G89-10	19	0.01000047	0.00999752	0.00000215	CCE6_10MG	10mgrl
5 mg	WM-G89-10	20	0.00500910	0.00500762	0.00000213	CCE6_10MG	5mgrl

Due to handling, storage and/or environmental factors, the reported values are valid only while test items are within our control. No calibration periods or intervals are given with this report. We can not guarantee accuracy of results beyond the controls of our laboratory.

True Mass is the mass value in a vacuum. Conventional Mass is the mass value in a normal air environment. All values are "as found" unless stated differently in an attachment to the certification.

The uncertainty of measurement is determined using the uncertainty of the reference standard(s), standard deviation of the process, environmental factors and bias using a RSS calculation. Uncertainty values are calculated using a K factor of 2.

Nebraska Standards Laboratory
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SOP 4 - Double Substitution - Summary Of Test Results

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NE Cert No: 20130029

Date: 3/29/2013

P.O. No:

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Denom.	Serial Number	Wt. No.	True Mass (g)	Conventional Mass (g)	Uncertainty (g)	Comparator used	Standard used
2 mg	WM-G89-10	21	0.00200875	0.00200816	0.00000213	CCE6_10MG	2mgrl
2 mg*	WM-G89-10	22	0.00200125	0.00200066	0.00000213	CCE6_10MG	2mgrl
1 mg	WM-G89-10	23	0.00100456	0.00100426	0.00000213	CCE6_10MG	1mgrl

Due to handling, storage and/or environmental factors, the reported values are valid only while test items are within our control. No calibration periods or intervals are given with this report. We can not guarantee accuracy of results beyond the controls of our laboratory.

True Mass is the mass value in a vacuum. Conventional Mass is the mass value in a normal air environment. All values are "as found" unless stated differently in an attachment to the certification.

The uncertainty of measurement is determined using the uncertainty of the reference standard(s), standard deviation of the process, environmental factors and bias using a RSS calculation. Uncertainty values are calculated using a K factor of 2.

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
(402) 471-2087

SOP 19 - Volume Transfer Test Results

Agency ID: 15

Agency: Food Safety & Consumer Protection
Area 15

Form No.: NE03LF12-R00

NE Cert No: 20130029

Date: 3/29/2013

P.O. No:

Submitted By: Kent McConnell

Page 1 of 10

Serial #: 05-40547-01
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	45.3 °F	0.999883	0 in3

Test Measure Information

Water Temperature: 45.3 °F
Water Density: 0.999883 g/cm³
Scale Reading: -0.3 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0004 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
3721 West Cuming Street
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SOP 19 - Volume Transfer Test Results

Agency ID: 15

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Serial #: 05-40547-01
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	45.3 °F	0.999883	0 in3

Test Measure Information

Water Temperature: 45.3 °F
Water Density: 0.999883 g/cm³
Scale Reading: -0.3 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0004 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
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SOP 19 - Volume Transfer Test Results

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Area 15

Form No.: NE03LF12-R00

NE Cert No: 20130029

Date: 3/29/2013

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Serial #: 05-40547-02
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	48 °F	0.999789	0 in3

Test Measure Information

Water Temperature: 48 °F
Water Density: 0.999789 g/cm³
Scale Reading: -0.25 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0002 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
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SOP 19 - Volume Transfer Test Results

Agency ID: 15

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Area 15

Form No.: NE03LF12-R00

NE Cert No: 20130029

Date: 3/29/2013

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Serial #: 05-40547-02
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	46 °F	0.999861	0 in3

Test Measure Information

Water Temperature: 46 °F
Water Density: 0.999861 g/cm³
Scale Reading: -0.25 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0002 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
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SOP 19 - Volume Transfer Test Results

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Serial #: 05-40547-03
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	46.6 °F	0.999841	0 in3

Test Measure Information

Water Temperature: 46.6 °F
Water Density: 0.999841 g/cm³
Scale Reading: -0.25 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0002 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
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Lincoln, NE 68524
(402) 471-2087

SOP 19 - Volume Transfer Test Results

Agency ID: 15

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Serial #: 05-40547-03
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	45.5 °F	0.999877	0 in3

Test Measure Information

Water Temperature: 45.5 °F
Water Density: 0.999877 g/cm³
Scale Reading: -0.25 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0002 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

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(402) 471-2087

SOP 19 - Volume Transfer Test Results

Agency ID: 15

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Area 15

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Serial #: 39423-A
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	44.7 °F	0.999899	0 in3

Test Measure Information

Water Temperature: 44.7 °F
Water Density: 0.999899 g/cm³
Scale Reading: -0.3 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0004 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
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Lincoln, NE 68524
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SOP 19 - Volume Transfer Test Results

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Serial #: 39423-A
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	44.7 °F	0.999899	0 in3

Test Measure Information

Water Temperature: 44.7 °F
Water Density: 0.999899 g/cm³
Scale Reading: -0.3 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0004 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
(402) 471-2087

SOP 19 - Volume Transfer Test Results

Agency ID: 15

Agency: Food Safety & Consumer Protection
Area 15

Form No.: NE03LF12-R00

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Submitted By: Kent McConnell

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Serial #: 39423-D
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	47.3 °F	0.999816	0 in3

Test Measure Information

Water Temperature: 47.3 °F
Water Density: 0.999816 g/cm³
Scale Reading: -0.9 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0030 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: R

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
(402) 471-2087

SOP 19 - Volume Transfer Test Results

Agency ID: 15

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Serial #: 39423-D
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: SS
Coef of Expansion: 0.0000265 °F

Test Data

Del#	Std ID	Delivery	Material	Coef of Exp	Water Temp	Water Density	Delta
1	5gal	4.9991	SS	0.0000265 /°F	45.2 °F	0.999885	0 in3

Test Measure Information

Water Temperature: 45.2 °F
Water Density: 0.999885 g/cm³
Scale Reading: -0.25 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0002 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0012 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524
(402) 471-2087

SOP 8 - Modified Substitution Test Results

Form No.: NE04LF9-R00

Agency ID: 15
 Agency: Food Safety & Consumer Protection
 Area 15
 , -

NE Cert No: 20130029
 Date: 3/29/2013
 P.O. No:
 Observer: CEO

Submitted By: Kent McConnell

Electronic Copy

Page 1 of 3

Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
3A11	1	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0001293 g	0.091 g	0.0018872 g	A
3A11	2	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0043293 g	0.091 g	0.0018872 g	A
3A11	3	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0392293 g	0.091 g	0.0018872 g	A
3A11	4	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0630293 g	0.091 g	0.0018872 g	A
3A11	5	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0467293 g	0.091 g	0.0018872 g	A
3A11	6	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0598293 g	0.091 g	0.0018872 g	A
3A11	7	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0492293 g	0.091 g	0.0018872 g	A
3A11	8	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0493293 g	0.091 g	0.0018872 g	A
3A11	9	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0536293 g	0.091 g	0.0018872 g	A
3A11	10	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0381293 g	0.091 g	0.0018872 g	A
3A11	11	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0518293 g	0.091 g	0.0018872 g	A
3A11	12	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0575293 g	0.091 g	0.0018872 g	A
3A11	13	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0470293 g	0.091 g	0.0018872 g	A
3A11	14	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0318293 g	0.091 g	0.0018872 g	A
3A11	15	0	1 lb	CC1201_1 lb	NSL-1-1	-0.0169445 g	0.07 g	0.0004110 g	A
3A11	16	0	1 lb	CC1201_1 lb	NSL-1-1	-0.0395445 g	0.07 g	0.0004110 g	A
3A11	17	0	8 oz	CC1201_8 oz	NSL-8-1	-0.0109793 g	0.045 g	0.0004161 g	A
3A11	18	0	4 oz	CC1201_8 oz	NSL-Z	0.0015721 g	0.023 g	0.0004014 g	A
3A11	19	0	2 oz	AT106_0.2 lb	NSL-Y	-0.0037598 g	0.011 g	0.0000429 g	A
3A11	20	0	1 oz	AT106_0.2 lb	2A9-1oz	-0.0047831 g	0.0054 g	0.0003640 g	A
3A11	21	0	0.5 oz	AT106_0.05 lb	2A9-1.2oz	-0.0014761 g	0.0028 g	0.0003637 g	A
3A11	22	0	0.25 oz	AT106_0.05 lb	2A9-1.4oz	-0.0004985 g	0.0017 g	0.0000268 g	A
3A11	23	0	0.125 oz	CCE6_0.01 lb	2A9-1.8oz	-0.0011195 g	0.0013 g	0.0000087 g	A
3A11	24	0	0.0625 oz	CCE6_0.01 lb	2A9-1.16oz	0.0007114 g	0.0011 g	0.0000087 g	A
3A11	25	0	0.0625 oz*	CCE6_0.01 lb	2A9-1.16oz	0.0003292 g	0.0011 g	0.0000087 g	A
3A11	26	0	0.3 lb	CC1201_8 oz	NSL-WK1	-0.0073103 g	0.027 g	0.0004067 g	A

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Agency ID: 15
 Agency: Food Safety & Consumer Protection
 Area 15

NE Cert No: 20130029
 Date: 3/29/2013
 P.O. No:
 Observer: CEO

Submitted By: Kent McConnell

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Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
3A11	27	0	0.2 lb	AT106_0.2 lb	NSL-WK2	-0.0047236 g	0.018 g	0.0000492 g	A
3A11	28	0	0.1 lb	AT106_0.2 lb	NSL-WK3	-0.0063697 g	0.0091 g	0.0000407 g	A
3A11	29	0	0.05 lb	AT106_0.05 lb	NSL-WK4	0.0000392 g	0.0045 g	0.0000362 g	A
3A11	30	0	0.03 lb	AT106_0.05 lb	NSL-WK5	-0.0009951 g	0.0027 g	0.0000291 g	A
3A11	31	0	0.02 lb	AT106_0.05 lb	NSL-WK6	0.0008777 g	0.0018 g	0.0000282 g	A
3A11	32	0	0.01 lb	CCE6_0.01 lb	NSL-WK7	0.0013098 g	0.0015 g	0.0000102 g	A
3A11	33	0	0.005 lb	CCE6_0.01 lb	NSL-WK8	0.0002849 g	0.0012 g	0.0000090 g	A
3A11	34	0	0.003 lb	CCE6_0.01 lb	NSL-WK9	-0.0004128 g	0.00099 g	0.0000085 g	A
3A11	35	0	0.002 lb	CCE6_0.01 lb	NSL-WK10	0.0005761 g	0.00087 g	0.0000063 g	A
3A11	36	0	0.001 lb	CCE6_0.01 lb	NSL-WK11	-0.0005125 g	0.0007 g	0.0000062 g	A
3A11	37	0	0.001 lb*	CCE6_0.01 lb	NSL-WK11	0.0003646 g	0.0007 g	0.0000062 g	A
9-OPI-5	1	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0656293 g	0.091 g	0.0018872 g	A
9-OPI-5	2	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0536293 g	0.091 g	0.0018872 g	A
9-OPI-5	3	0	2 lb	CC1201_2 lb	NSL-2-1	-0.0115293 g	0.091 g	0.0018872 g	A
9-OPI-5	4	0	1 lb	CC1201_1 lb	NSL-1-1	-0.0036445 g	0.07 g	0.0004110 g	A
9-OPI-5	5	0	8 oz	CC1201_8 oz	NSL-8-1	-0.0039793 g	0.045 g	0.0004161 g	A
9-OPI-5	6	0	4 oz	CC1201_8 oz	NSL-Z	-0.0009279 g	0.023 g	0.0004014 g	A
9-OPI-5	7	0	2 oz	AT106_0.2 lb	NSL-Y	-0.0007958 g	0.011 g	0.0000429 g	A
9-OPI-5	8	0	1 oz	AT106_0.2 lb	2A9-1oz	0.0004519 g	0.0054 g	0.0003640 g	A
9-OPI-5	9	0	0.5 oz	AT106_0.05 lb	2A9-1.2oz	0.0014789 g	0.0028 g	0.0003637 g	A
9-OPI-5	10	0	0.25 oz	AT106_0.05 lb	2A9-1.4oz	0.0002945 g	0.0017 g	0.0000268 g	A
9-OPI-5	11	0	0.125 oz	CCE6_0.01 lb	2A9-1.8oz	-0.0007578 g	0.0013 g	0.0000087 g	A
9-OPI-5	12	0	0.0625 oz	CCE6_0.01 lb	2A9-1.16oz	-0.0001880 g	0.0011 g	0.0000087 g	A
9-OPI-5	13	0	0.0625 oz*	CCE6_0.01 lb	2A9-1.16oz	0.0000290 g	0.0011 g	0.0000087 g	A
K5	1	0	2 kg	CC10000S_2kg	2kg	0.0051200 g	0.04 g	0.0038363 g	A
K6	1	0	2 kg	CC10000S_2kg	2kg	0.0009200 g	0.04 g	0.0038363 g	A
N-99-C	1	0	0.2 lb	AT106_0.2 lb	NSL-WK2	0.0066584 g	0.018 g	0.0000492 g	A
N-99-C	2	0	0.2 lb*	AT106_0.2 lb	NSL-WK2	0.0081204 g	0.018 g	0.0000492 g	A
N-99-C	3	0	0.1 lb	AT106_0.2 lb	NSL-WK3	0.0037303 g	0.0091 g	0.0000407 g	A
N-99-C	4	0	0.05 lb	AT106_0.05 lb	NSL-WK4	0.0012022 g	0.0045 g	0.0000362 g	A
N-99-C	5	0	0.02 lb	AT106_0.05 lb	NSL-WK6	-0.0006413 g	0.0018 g	0.0000282 g	A
N-99-C	6	0	0.02 lb*	AT106_0.05 lb	NSL-WK6	-0.0000433 g	0.0018 g	0.0000282 g	A
N-99-C	7	0	0.01 lb	CCE6_0.01 lb	NSL-WK7	-0.0001444 g	0.0015 g	0.0000102 g	A

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Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
N-99-C	8	0	0.005 lb	CCE6_0.01 lb	NSL-WK8	0.0004944 g	0.0012 g	0.0000090 g	A
N-99-C	9	0	0.002 lb	CCE6_0.01 lb	NSL-WK10	0.0000752 g	0.00087 g	0.0000063 g	A
N-99-C	10	0	0.002 lb*	CCE6_0.01 lb	NSL-WK10	0.0001279 g	0.00087 g	0.0000063 g	A
N-99-C	11	0	0.001 lb	CCE6_0.01 lb	NSL-WK11	0.0000197 g	0.0007 g	0.0000062 g	A
WM25-100	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.8797793 g	1.1 g	0.0357297 g	A
WM25-101	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.4047793 g	1.1 g	0.0357297 g	A
WM25-102	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.7747793 g	1.1 g	0.0357297 g	A
WM25-103	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.5497793 g	1.1 g	0.0357297 g	A
WM25-28	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.1052207 g	1.1 g	0.0357297 g	A
WM25-38	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.4202207 g	1.1 g	0.0357297 g	A
WM25-45	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.3447793 g	1.1 g	0.0357297 g	A
WM25-55	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.1752207 g	1.1 g	0.0357297 g	A
WM25-56	1	0	25 lb	KA30-3_25lb	NSL-25-1	-1.2052207 g	1.1 g	0.0357297 g	R
WM25-56	1	1	25 lb	KA30-3_25lb	NSL-25-1	-0.0502207 g	1.1 g	0.0357297 g	A
WM25-57	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.8252207 g	1.1 g	0.0357297 g	A
WM25-58	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.8702207 g	1.1 g	0.0357297 g	A
WM25-59	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.9102207 g	1.1 g	0.0357297 g	A
WM25-75	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.3152207 g	1.1 g	0.0357297 g	A
WM25-76	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.7502207 g	1.1 g	0.0357297 g	A
WM25-77	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.0152207 g	1.1 g	0.0357297 g	A
WM25-78	1	0	25 lb	KA30-3_25lb	NSL-25-1	-1.0402207 g	1.1 g	0.0357297 g	A
WM25-78	1	1	25 lb	KA30-3_25lb	NSL-25-1	0.0647793 g	1.1 g	0.0357297 g	A
WM25-79	1	0	25 lb	KA30-3_25lb	NSL-25-1	-0.8802207 g	1.1 g	0.0357297 g	A
WM25-96	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.6447793 g	1.1 g	0.0357297 g	A
WM25-97	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.4297793 g	1.1 g	0.0357297 g	A
WM25-98	1	0	25 lb	KA30-3_25lb	NSL-25-1	0.7347793 g	1.1 g	0.0357297 g	A

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