



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 80
Omaha, NE -

Date: 10/21/2013
Agency ID: 80
NE Cert No: 20130112
P.O. No:

Submitted By: Mike Johnson

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<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
5 gal	04-20943-01	1	VL	A
5 gal	04-20943-02	1	VL	A
5 gal	04-20943-03	1	VL	A
5 gal	39423-C	1	VL	A
5 gal	4393-5-B	1	VL	A
2 lb	9-OPI-11	1	F	A
2 lb	9-OPI-11	2	F	A
2 lb	9-OPI-11	3	F	A
2 lb	9-OPI-11	4	F	A
2 lb	9-OPI-11	5	F	A
2 lb	9-OPI-11	6	F	A
2 lb	9-OPI-11	7	F	A
2 lb	9-OPI-11	8	F	A
2 lb	9-OPI-11	9	F	A
2 lb	9-OPI-11	10	F	A
2 lb	9-OPI-11	11	F	A
2 lb	9-OPI-11	12	F	A
2 lb	9-OPI-11	13	F	A
2 lb	9-OPI-11	14	F	A
1 lb	9-OPI-11	15	F	A
1 lb	9-OPI-11	16	F	A
8 oz	9-OPI-11	17	F	A
4 oz	9-OPI-11	18	F	A
2 oz	9-OPI-11	19	F	A
1 oz	9-OPI-11	20	F	A

Department of Agriculture, 301 Centennial Mall South
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Administration
P.O. Box 94947
Lincoln, NE 68509-4947
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Submitted By: Mike Johnson

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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	9-OPI-11	21	F	A
0.25 oz	9-OPI-11	22	F	A
0.125 oz	9-OPI-11	23	F	A
0.0625 oz	9-OPI-11	24	F	A
0.0625 oz*	9-OPI-11	25	F	A
0.3 lb	9-OPI-11	26	F	A
0.2 lb	9-OPI-11	27	F	A
0.1 lb	9-OPI-11	28	F	A
0.05 lb	9-OPI-11	29	F	A
0.03 lb	9-OPI-11	30	F	A
0.02 lb	9-OPI-11	31	F	A
0.01 lb	9-OPI-11	32	F	A
0.005 lb	9-OPI-11	33	F	A
0.003 lb	9-OPI-11	34	F	A
0.002 lb	9-OPI-11	35	F	A
0.001 lb	9-OPI-11	36	F	A
0.001 lb*	9-OPI-11	37	F	A
25 lb	NE-1	1	F	A
25 lb	NE-10	1	F	A
25 lb	NE-11	1	F	A
25 lb	NE-12	1	F	A
25 lb	NE-13	1	F	A
25 lb	NE-14	1	F	A
25 lb	NE-15	1	F	A
25 lb	NE-16	1	F	A
25 lb	NE-17	1	F	A
25 lb	NE-18	1	F	A
25 lb	NE-19	1	F	A
25 lb	NE-2	1	F	A
25 lb	NE-20	1	F	A
25 lb	NE-3	1	F	A
25 lb	NE-4	1	F	A
25 lb	NE-5	1	F	A
25 lb	NE-6	1	F	A
25 lb	NE-7	1	F	A
25 lb	NE-8	1	F	A

Submitted By: Mike Johnson

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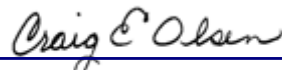
Denomination	Serial Number	Weight Number	Tolerance	Accept/Reject
25 lb	NE-9	1	F	A
10 kg	NSL-CK-10KG	1	2	A
300 g	WM-G89-7	1	4	A
200 g	WM-G89-7	2	4	A
100 g	WM-G89-7	3	4	A
50 g	WM-G89-7	4	4	A
30 g	WM-G89-7	5	4	A
20 g	WM-G89-7	6	4	A
10 g	WM-G89-7	7	4	A
5 g	WM-G89-7	8	4	A
3 g	WM-G89-7	9	4	A
2 g	WM-G89-7	10	4	A
1 g	WM-G89-7	11	4	A
500 mg	WM-G89-7	12	4	A
200 mg	WM-G89-7	13	4	A
200 mg*	WM-G89-7	14	4	A
100 mg	WM-G89-7	15	4	A
50 mg	WM-G89-7	16	4	A
20 mg	WM-G89-7	17	4	A
20 mg*	WM-G89-7	18	4	A
10 mg	WM-G89-7	19	4	A
5 mg	WM-G89-7	20	4	A
2 mg	WM-G89-7	21	4	A
2 mg*	WM-G89-7	22	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: 80

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112

Date: 10/21/2013

P.O. No:

Observer: CEO

Form No.: NE04LF7-R00

Submitted By: Mike Johnson

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Page 1 of 2

Denom.	Serial Number	Wt. No.	True Mass (g)	Conventional Mass (g)	Uncertainty (g)	Comparator used	Standard used
10 kg	NSL-CK-10KG	1	10000.07306001	10000.04244295	0.00156369	C10000S_10k	5kg-5kgd
300 g	WM-G89-7	1	300.00303309	300.00211457	0.00021112	CC1201_300g	300gd
200 g	WM-G89-7	2	200.00292797	200.00231562	0.00019465	CC1201_200g	200gd
100 g	WM-G89-7	3	100.00069612	100.00038995	0.00003482	AT106_100g	100grl
50 g	WM-G89-7	4	50.00036695	50.00021387	0.00002913	AT106_50g	50grl
30 g	WM-G89-7	5	30.00020088	30.00010903	0.00002858	AT106_50g	30grl
20 g	WM-G89-7	6	20.00042683	20.00036560	0.00001999	AT106_20g	20grl
10 g	WM-G89-7	7	10.00042667	10.00039605	0.00002397	AT106_10g	10grl
5 g	WM-G89-7	8	5.00026923	5.00025392	0.00000695	CCE6_5G	5gv
3 g	WM-G89-7	9	3.00028415	3.00027497	0.00000695	CCE6_5G	3gv
2 g	WM-G89-7	10	2.00007779	2.00007167	0.00000695	CCE6_5G	2gv
1 g	WM-G89-7	11	1.00002882	1.00002575	0.00000484	CCE6_1G	1gv
500 mg	WM-G89-7	12	0.50002862	0.50002709	0.00000443	CCE6_1G	500mgv
200 mg	WM-G89-7	13	0.19997648	0.19997587	0.00000431	CCE6_1G	200mgv
200 mg*	WM-G89-7	14	0.19996413	0.19996352	0.00000431	CCE6_1G	200mgv
100 mg	WM-G89-7	15	0.09994177	0.09994146	0.00000604	CCCE6_100MG	100mgv
50 mg	WM-G89-7	16	0.04999472	0.04999457	0.00000603	CCCE6_100MG	50mgv
20 mg	WM-G89-7	17	0.02001208	0.02000618	0.00000429	CCCE6_100MG	20mgv
20 mg*	WM-G89-7	18	0.02003964	0.02003373	0.00000429	CCCE6_100MG	20mgv
10 mg	WM-G89-7	19	0.01000634	0.01000340	0.00000318	CCE6_10MG	10mgv

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 4 - Double Substitution - Summary Of Test Results

Agency ID: 80

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Area 80
Omaha, NE -

NE Cert No: 20130112

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Observer: CEO

Form No.: NE04LF7-R00

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Page 2 of 2

Denom.	Serial Number	Wt. No.	True Mass (g)	Conventional Mass (g)	Uncertainty (g)	Comparator used	Standard used
5 mg	WM-G89-7	20	0.00498408	0.00498261	0.00000318	CCE6_10MG	5mgv
2 mg	WM-G89-7	21	0.00201093	0.00201034	0.00000318	CCE6_10MG	2mgv
2 mg*	WM-G89-7	22	0.00198123	0.00198065	0.00000318	CCE6_10MG	2mgv

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: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

Page 1 of 10

Serial #: 04-20943-01
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	63.9 °F	0.998645	0 in3

Test Measure Information

Water Temperature: 63.9 °F
Water Density: 0.998645 g/cm³
Scale Reading: -0.1 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 4.9995 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0021 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

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

SOP 19 - Volume Transfer Test Results

Agency ID: 80

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Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

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Serial #: 04-20943-01
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	63.6 °F	0.998675	0 in3

Test Measure Information

Water Temperature: 63.6 °F
Water Density: 0.998675 g/cm³
Scale Reading: -0.1 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 4.9995 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0021 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: 80

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

Form No.: NE03LF12-R00

NE Cert No: 20130112
Date: 10/21/2013
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Serial #: 04-20943-02
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	63.5 °F	0.998685	0 in3

Test Measure Information

Water Temperature: 63.5 °F
Water Density: 0.998685 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: 0.0021 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: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
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P.O. No:

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Serial #: 04-20943-02
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	63.2 °F	0.998715	0 in3

Test Measure Information

Water Temperature: 63.2 °F
Water Density: 0.998715 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: 0.0021 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: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

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Serial #: 04-20943-03
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	63.4 °F	0.998695	0 in3

Test Measure Information

Water Temperature: 63.4 °F
Water Density: 0.998695 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: 0.0021 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: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

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Serial #: 04-20943-03
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	63.4 °F	0.998695	0 in3

Test Measure Information

Water Temperature: 63.4 °F
Water Density: 0.998695 g/cm³
Scale Reading: -0.2 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0000 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0021 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: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

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Serial #: 39423-C
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	63.2 °F	0.998715	0 in3

Test Measure Information

Water Temperature: 63.3 °F
Water Density: 0.998715 g/cm³
Scale Reading: -0.1 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 4.9996 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0021 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: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

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Serial #: 39423-C
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	63.3 °F	0.998705	0 in3

Test Measure Information

Water Temperature: 63.3 °F
Water Density: 0.998705 g/cm³
Scale Reading: -0.1 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 4.9995 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0021 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

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

SOP 19 - Volume Transfer Test Results

Agency ID: 80

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 80
Omaha, NE -

NE Cert No: 20130112
Date: 10/21/2013
P.O. No:

Submitted By: Mike Johnson

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Serial #: 4393-5-B
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	63.5 °F	0.998685	0 in3

Test Measure Information

Water Temperature: 63.5 °F
Water Density: 0.998685 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: 0.0021 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

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Serial #: 4393-5-B
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	63.2 °F	0.998715	0 in3

Test Measure Information

Water Temperature: 63.2 °F
Water Density: 0.998715 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: 0.0021 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: 10000
 Agency: Fairbanks Scales Omaha
 4409 South 134th Street
 Omaha, NE 68137-

NE Cert No: 20130012
 Date: 2/12/2013
 P.O. No:
 Observer: CEO

Submitted By: Mike

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
80503	1	0	1000 lb	XP604KM_1K lb	C24	-359.0207401 g	45 g	2.1028486 g	R
80503	1	1	1000 lb	XP604KM_1K lb	C24	20.4792599 g	45 g	2.1028486 g	A
A5C-7	1	0	50 lb	KA30-3_50lb	NSL-50-1	2.5019199 g	2.3 g	0.0502210 g	R
A5C-7	1	1	50 lb	KA30-3_50lb	NSL-50-1	0.6369199 g	2.3 g	0.0502210 g	A
FKC-C125	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.4569199 g	2.3 g	0.0502210 g	A
FM-10	1	0	1000 lb	XP604KM_1K lb	C24	-25.7207401 g	45 g	2.1028486 g	A
FM-5	1	0	1000 lb	XP604KM_1K lb	C24	-17.5207401 g	45 g	2.1028486 g	A
FM-9A02	1	0	10 lb	CC10000S_10lb	NEBR-STD-10	0.1072710 g	0.45 g	0.0020463 g	A
FM-9A02	2	0	10 lb*	CC10000S_10lb	NEBR-STD-10	0.1121710 g	0.45 g	0.0020463 g	A
FM-9A02	3	0	5 lb	CC10000S_5lb	NSL-5-1	0.0691466 g	0.23 g	0.0014576 g	A
FM-9A02	4	0	2 lb	CC1201_2 lb	NSL-2-1	0.0303707 g	0.091 g	0.0018872 g	A
FM-9A02	5	0	2 lb*	CC1201_2 lb	NSL-2-1	0.0211707 g	0.091 g	0.0018872 g	A
FM-9A02	6	0	1 lb	CC1201_1 lb	NSL-1-1	0.0161555 g	0.07 g	0.0004110 g	A
FM-9A02	7	0	8 oz	CC1201_8 oz	NSL-8-1	0.0164207 g	0.045 g	0.0004161 g	A
FM-9A02	8	0	4 oz	CC1201_8 oz	NSL-Z	0.0005721 g	0.023 g	0.0004014 g	A
FM-9A02	9	0	2 oz	AT106_0.2 lb	NSL-Y	0.0045242 g	0.011 g	0.0000429 g	A
FM-9A02	10	0	1 oz	AT106_0.2 lb	2A9-1oz	0.0009189 g	0.0054 g	0.0003640 g	A
FM-9A02	11	0	0.5 oz	AT106_0.05 lb	2A9-1.2oz	0.0009989 g	0.0028 g	0.0003637 g	A
FM-9A02	12	0	0.25 oz	AT106_0.05 lb	2A9-1.4oz	0.0009965 g	0.0017 g	0.0000268 g	A
FM-9A02	13	0	0.125 oz	CCE6_0.01 lb	2A9-1.8oz	0.0003762 g	0.0013 g	0.0000087 g	A
FM-9A02	14	0	0.0625 oz	CCE6_0.01 lb	2A9-1.16oz	0.0005060 g	0.0011 g	0.0000087 g	A
FM-9A02	15	0	0.03125 oz	CCE6_0.01 lb	2A9-1.32oz	0.0002953 g	0.00087 g	0.0000073 g	A
FM-9A02	16	0	0.03125 oz*	CCE6_0.01 lb	2A9-1.32oz	0.0002562 g	0.00087 g	0.0000073 g	A
FM-AS3	1	0	1000 lb	XP604KM_1K lb	C24	-26.4207401 g	45 g	2.1028486 g	A
FM-B103	1	0	50 lb	KA30-3_50lb	NSL-50-1	1.9269199 g	2.3 g	0.0502210 g	A
FM-B11	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.8119199 g	2.3 g	0.0502210 g	A

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Agency ID: 10000
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 4409 South 134th Street
 Omaha, NE 68137-

NE Cert No: 20130012
 Date: 2/12/2013
 P.O. No:
 Observer: CEO

Submitted By: Mike

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Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
FM-B12	1	0	50 lb	KA30-3_50lb	NSL-50-1	4.0169199 g	2.3 g	0.0502210 g	R
FM-B12	1	1	50 lb	KA30-3_50lb	NSL-50-1	0.2119199 g	2.3 g	0.0502210 g	A
FM-B13	1	0	50 lb	KA30-3_50lb	NSL-50-1	2.5519199 g	2.3 g	0.0502210 g	R
FM-B13	1	1	50 lb	KA30-3_50lb	NSL-50-1	1.0669199 g	2.3 g	0.0502210 g	A
FM-B14	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.3169199 g	2.3 g	0.0502210 g	A
FM-B15	1	0	50 lb	KA30-3_50lb	NSL-50-1	1.9919199 g	2.3 g	0.0502210 g	A
FM-B16	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.5269199 g	2.3 g	0.0502210 g	A
FM-B18	1	0	50 lb	KA30-3_50lb	NSL-50-1	-0.4530801 g	2.3 g	0.0502210 g	A
FM-B19	1	0	50 lb	KA30-3_50lb	NSL-50-1	-0.2130801 g	2.3 g	0.0502210 g	A
FM-B208	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.7919199 g	2.3 g	0.0502210 g	A
FM-B22	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.2719199 g	2.3 g	0.0502210 g	A
FM-B230	1	0	50 lb	KA30-3_50lb	NSL-50-1	-2.4530801 g	2.3 g	0.0502210 g	R
FM-B230	1	1	50 lb	KA30-3_50lb	NSL-50-1	0.1269199 g	2.3 g	0.0502210 g	A
FM-B24	1	0	50 lb	KA30-3_50lb	NSL-50-1	-0.4530801 g	2.3 g	0.0502210 g	A
FM-B28	1	0	50 lb	KA30-3_50lb	NSL-50-1	-0.2730801 g	2.3 g	0.0502210 g	A
FM-B-31	1	0	50 lb	KA30-3_50lb	NSL-50-1	1.4869199 g	2.3 g	0.0502210 g	A
FM-B32	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.3169199 g	2.3 g	0.0502210 g	A
FM-B35	1	0	50 lb	KA30-3_50lb	NSL-50-1	-1.1530801 g	2.3 g	0.0502210 g	A
FM-B37	1	0	50 lb	KA30-3_50lb	NSL-50-1	2.0369199 g	2.3 g	0.0502210 g	A
FM-B37	1	1	50 lb	KA30-3_50lb	NSL-50-1	1.2119199 g	2.3 g	0.0502210 g	A
FM-B39	1	0	50 lb	KA30-3_50lb	NSL-50-1	2.0119199 g	2.3 g	0.0502210 g	A
FM-B41	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.1069199 g	2.3 g	0.0502210 g	A
FM-B45	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.9319199 g	2.3 g	0.0502210 g	A
FM-B46	1	0	50 lb	KA30-3_50lb	NSL-50-1	2.4569199 g	2.3 g	0.0502210 g	R
FM-B46	1	1	50 lb	KA30-3_50lb	NSL-50-1	1.2119199 g	2.3 g	0.0502210 g	A
FM-B47	1	0	50 lb	KA30-3_50lb	NSL-50-1	-0.3380801 g	2.3 g	0.0502210 g	A
FM-B-55	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.0119199 g	2.3 g	0.0502210 g	A
FM-S10	1	0	50 lb	KA30-3_50lb	NSL-50-1	-0.0630801 g	2.3 g	0.0502210 g	A
FM-SA1	1	0	1000 lb	XP604KM_1K lb	C24	-20.5207401 g	45 g	2.1028486 g	A
FM-SA10	1	0	1000 lb	XP604KM_1K lb	C24	-7.5207401 g	45 g	2.1028486 g	A
FM-SA14	1	0	1000 lb	XP604KM_1K lb	C24	-37.7207401 g	45 g	2.1028486 g	A
FM-SA17	1	0	1000 lb	XP604KM_1K lb	C24	3.2792599 g	45 g	2.1028486 g	A
FM-SA18	1	0	1000 lb	XP604KM_1K lb	C24	-3.2207401 g	45 g	2.1028486 g	A

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FM-SA25	1	0	1000 lb	XP604KM_1K lb	C24	-11.4207401 g	45 g	2.1028486 g	A
FM-SA28	1	0	1000 lb	XP604KM_1K lb	C24	1.8792599 g	45 g	2.1028486 g	A
FM-SA29	1	0	1000 lb	XP604KM_1K lb	C24	22.9792599 g	45 g	2.1028486 g	A
FM-SA33	1	0	1000 lb	XP604KM_1K lb	C24	-19.0207401 g	45 g	2.1028486 g	A
FM-SA34	1	0	1000 lb	XP604KM_1K lb	C24	-16.7207401 g	45 g	2.1028486 g	A
FM-SA35	1	0	1000 lb	XP604KM_1K lb	C24	-15.9207401 g	45 g	2.1028486 g	A
FM-SA39	1	0	1000 lb	XP604KM_1K lb	C24	50.4792599 g	45 g	2.1028486 g	R
FM-SA39	1	1	1000 lb	XP604KM_1K lb	C24	11.6792599 g	45 g	2.1028486 g	A
FM-SA5	1	0	1000 lb	XP604KM_1K lb	C24	-41.4207401 g	45 g	2.1028486 g	A
FM-SA5	1	1	1000 lb	XP604KM_1K lb	C24	18.3792599 g	45 g	2.1028486 g	A
FM-SA50	1	0	1000 lb	XP604KM_1K lb	C24	-36.8207401 g	45 g	2.1028486 g	A
FM-X6	1	0	50 lb	KA30-3_50lb	NSL-50-1	0.4969199 g	2.3 g	0.0502210 g	A
WM-OPI-C57	1	0	50 lb	KA30-3_50lb	NSL-50-1	1.4069199 g	2.3 g	0.0502210 g	A

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