



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 90
Omaha, NE -

Date: 12/9/2013
Agency ID: 90
NE Cert No: 20130125
P.O. No:

Submitted By: Brian Heskin

Electronic Copy Page 1

<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
5 gal	05-40547-04	1	VL	A
5 gal	05-40547-05	1	VL	A
5 gal	05-40547-06	1	VL	A
2 lb	10-OPI-9	1	F	A
2 lb	10-OPI-9	2	F	A
2 lb	10-OPI-9	3	F	A
2 lb	10-OPI-9	4	F	A
2 lb	10-OPI-9	5	F	A
2 lb	10-OPI-9	6	F	A
2 lb	10-OPI-9	7	F	A
2 lb	10-OPI-9	8	F	A
2 lb	10-OPI-9	9	F	A
2 lb	10-OPI-9	10	F	A
2 lb	10-OPI-9	11	F	A
2 lb	10-OPI-9	12	F	A
2 lb	10-OPI-9	13	F	A
2 lb	10-OPI-9	14	F	A
1 lb	10-OPI-9	15	F	A
1 lb	10-OPI-9	16	F	A
8 oz	10-OPI-9	17	F	A
4 oz	10-OPI-9	18	F	A
2 oz	10-OPI-9	19	F	A
8 oz	11A9	17	F	A
4 oz	11A9	18	F	A
2 oz	11A9	19	F	A

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Administration
P.O. Box 94947
Lincoln, NE 68509-4947
(402) 471-2341
FAX: (402) 471-6876

Agriculture Laboratories
3703 South 14th Street
Lincoln, NE 68502-5399
(402) 471-2176
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Lincoln, NE 68509-4787
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Bureau of Dairies & Foods
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Lincoln, NE 68509-5064
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Weights and Measures
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Submitted By: Brian Heskin

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<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
0.2 lb	17649	1	F	A
0.2 lb*	17649	2	F	A
0.1 lb	17649	3	F	A
0.05 lb	17649	4	F	A
0.02 lb	17649	5	F	A
0.02 lb*	17649	6	F	A
0.01 lb	17649	7	F	A
0.005 lb	17649	8	F	A
0.002 lb	17649	9	F	A
0.002 lb*	17649	10	F	A
0.001 lb	17649	11	F	A
5 gal	40702A	1	VL	A
5 gal	40702B	1	VL	A
25 lb	WM25-46	1	F	A
25 lb	WM25-47	1	F	A
25 lb	WM25-88	1	F	A
25 lb	WM25-89	1	F	A
25 lb	WM25-90	1	F	A
25 lb	WM25-91	1	F	A
25 lb	WM25-92	1	F	A
25 lb	WM25-93	1	F	A
25 lb	WM25-94	1	F	A
25 lb	WM25-95	1	F	A
0.3 lb	WM-3G95	1	F	A
0.2 lb	WM-3G95	2	F	A
0.1 lb	WM-3G95	3	F	A
0.05 lb	WM-3G95	4	F	A
0.03 lb	WM-3G95	5	F	A
0.02 lb	WM-3G95	6	F	A
0.01 lb	WM-3G95	7	F	A
0.005 lb	WM-3G95	8	F	A
0.003 lb	WM-3G95	9	F	A
0.002 lb	WM-3G95	10	F	A
0.001 lb	WM-3G95	11	F	A
0.001 lb*	WM-3G95	12	F	A
10 lb	WM-6D98	1	F	A

Submitted By: Brian Heskin

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<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
5 lb	WM-6D98	2	F	A
2 lb	WM-6D98	3	F	A
2 lb*	WM-6D98	4	F	A
1 lb	WM-6D98	5	F	A
0.5 lb	WM-6D98	6	F	A
4 kg	WM-7	1	4	A
25 lb	WM-D10	1	F	A
25 lb	WM-D11	1	F	A
25 lb	WM-D12	1	F	A
25 lb	WM-D3	1	F	A
25 lb	WM-D4	1	F	A
25 lb	WM-D5	1	F	A
25 lb	WM-D6	1	F	A
25 lb	WM-D7	1	F	A
25 lb	WM-D8	1	F	A
25 lb	WM-D9	1	F	A
300 g	WM-G89-5	1	4	A
200 g	WM-G89-5	2	4	A
100 g	WM-G89-5	3	4	A
50 g	WM-G89-5	4	4	A
30 g	WM-G89-5	5	4	A
20 g	WM-G89-5	6	4	A
10 g	WM-G89-5	7	4	A
5 g	WM-G89-5	8	4	A
3 g	WM-G89-5	9	4	A
2 g	WM-G89-5	10	4	A
1 g	WM-G89-5	11	4	A
500 mg	WM-G89-5	12	4	A
200 mg	WM-G89-5	13	4	A
200 mg*	WM-G89-5	14	4	A
100 mg	WM-G89-5	15	4	A
50 mg	WM-G89-5	16	4	A
20 mg	WM-G89-5	17	4	A
20 mg*	WM-G89-5	18	4	A
10 mg	WM-G89-5	19	4	A
5 mg	WM-G89-5	20	4	A
2 mg	WM-G89-5	21	4	A
2 mg*	WM-G89-5	22	4	A
1 mg	WM-G89-5	23	4	A

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

Date: 12/9/2013
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NE Cert No: 20130125
P.O. No:

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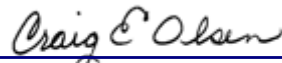
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<u>Denomination</u>	<u>Serial Number</u>	<u>Weight Number</u>	<u>Tolerance</u>	<u>Accept/Reject</u>
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These field standards have been compared with our reference standards and found to be within the 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 tolerance classes used are: ASTM Class 0-7, NIST Class F, OIML Class E1, E2, F1, F2, M1, M2, M3

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: 90

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Observer: CEO

Form No.: NE04LF7-R00

Submitted By: Brian Heskin

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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
300 g	WM-G89-5	1	300.00180459	300.00088608	0.00008500	CC1201_300g	300g
200 g	WM-G89-5	2	200.00199217	200.00137983	0.00014041	CC1201_200g	200g
100 g	WM-G89-5	3	100.00038450	100.00007833	0.00002712	AT106_100g	100g
50 g	WM-G89-5	4	50.00073792	50.00058483	0.00002669	AT106_50g	50g
30 g	WM-G89-5	5	30.00012051	30.00002866	0.00002608	AT106_50g	30g
20 g	WM-G89-5	6	20.00061478	20.00055355	0.00001361	AT106_20g	20g
10 g	WM-G89-5	7	10.00023305	10.00020243	0.00001377	AT106_10g	10g
5 g	WM-G89-5	8	4.99987367	4.99985837	0.00000448	CCE6_5G	5g
3 g	WM-G89-5	9	3.00002505	3.00001587	0.00000448	CCE6_5G	3g
2 g	WM-G89-5	10	2.00024952	2.00024339	0.00000448	CCE6_5G	2g
1 g	WM-G89-5	11	0.99985863	0.99985557	0.00000372	CCE6_1G	1g
500 mg	WM-G89-5	12	0.50000098	0.49999945	0.00000316	CCE6_1G	500mg
200 mg	WM-G89-5	13	0.20000216	0.20000155	0.00000298	CCE6_1G	200mg
200 mg*	WM-G89-5	14	0.19998227	0.19998165	0.00000298	CCE6_1G	200mg
100 mg	WM-G89-5	15	0.09997261	0.09997230	0.00000289	CCE6_100MG	100mg
50 mg	WM-G89-5	16	0.04993768	0.04994156	0.00000288	CCE6_100MG	50mg
20 mg	WM-G89-5	17	0.02002186	0.02001597	0.00000288	CCE6_100MG	20mg
20 mg*	WM-G89-5	18	0.02002979	0.02002389	0.00000288	CCE6_100MG	20mg
10 mg	WM-G89-5	19	0.01001209	0.01000915	0.00000343	CCE6_10MG	10mg
5 mg	WM-G89-5	20	0.00502437	0.00502289	0.00000342	CCE6_10MG	5mg

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: 90

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Observer: CEO

Form No.: NE04LF7-R00

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Denom.	Serial Number	Wt. No.	True Mass (g)	Conventional Mass (g)	Uncertainty (g)	Comparator used	Standard used
2 mg	WM-G89-5	21	0.00201321	0.00201262	0.00000342	CCE6_10MG	2mg
2 mg*	WM-G89-5	22	0.00201776	0.00201717	0.00000342	CCE6_10MG	2mg
1 mg	WM-G89-5	23	0.00102020	0.00101990	0.00000342	CCE6_10MG	1mg*

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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

Page 1 of 10

Serial #: 05-40547-04
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	53.9 °F	0.999477	0 in3

Test Measure Information

Water Temperature: 53.9 °F
Water Density: 0.999477 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 Cumming Street
Lincoln, NE 68524
(402) 471-2087

SOP 19 - Volume Transfer Test Results

Agency ID: 90

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Area 90
Omaha, NE -

NE Cert No: 20130125

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P.O. No:

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Serial #: 05-40547-04
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	52.1 °F	0.999587	0 in3

Test Measure Information

Water Temperature: 52.1 °F
Water Density: 0.999587 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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

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Serial #: 05-40547-05
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	53.1 °F	0.999528	0 in3

Test Measure Information

Water Temperature: 53.1 °F
Water Density: 0.999528 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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

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Serial #: 05-40547-05
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	51.8 °F	0.999604	0 in3

Test Measure Information

Water Temperature: 51.8 °F
Water Density: 0.999604 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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

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Serial #: 05-40547-06
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	52.3 °F	0.999576	0 in3

Test Measure Information

Water Temperature: 52.3 °F
Water Density: 0.999576 g/cm³
Scale Reading: 0 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 4.9991 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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

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Serial #: 05-40547-06
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	51.7 °F	0.999610	0 in3

Test Measure Information

Water Temperature: 51.7 °F
Water Density: 0.999610 g/cm³
Scale Reading: 0 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 4.9991 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: 90

Form No.: NE03LF12-R00

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Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

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Submitted By: Brian Heskin

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Serial #: 40702A
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: MS
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	MS	0.0000265 /°F	51.7 °F	0.999610	0 in3

Test Measure Information

Water Temperature: 52.1 °F
Water Density: 0.999610 g/cm³
Scale Reading: -0.3 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0005 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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

Page 8 of 10

Serial #: 40702A
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material: MS
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	MS	0.0000265 /°F	51.6 °F	0.999616	0 in3

Test Measure Information

Water Temperature: 51.7 °F
Water Density: 0.999616 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: 0.0021 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: 90

Form No.: NE03LF12-R00

Agency: Food Safety & Consumer Protection
Area 90
Omaha, NE -

NE Cert No: 20130125

Date: 12/9/2013

P.O. No:

Submitted By: Brian Heskin

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Serial #: 40702B
Retest #: 0
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material:
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		0.0000265 /°F	53.8 °F	0.999484	0 in3

Test Measure Information

Water Temperature: 54.1 °F
Water Density: 0.999484 g/cm³
Scale Reading: -0.4 cu.in.

Test Results

Test Measure Volume @ 60° F at zero scale reading: 5.0009 gal.
Tolerance: 0.0025 gal.
Uncertainty: 0.0021 gal.

Accepted/Rejected: A

1 cubic meter = 264.172 gallons

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Lincoln, NE 68524
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Page 10 of 10

Serial #: 40702B
Retest #: 1
Denomination: 5 gal
Observer: CEO

Eq Vol/cu.in.: 1155 cu.in.
Tolerance Class: VL
Material:
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		0.0000265 /°F	52 °F	0.999593	0 in3

Test Measure Information

Water Temperature: 52.2 °F
Water Density: 0.999593 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: 0.0021 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: 90
 Agency: Food Safety & Consumer Protection
 Area 90
 Omaha, NE -

NE Cert No: 20130125
 Date: 12/9/2013
 P.O. No:
 Observer: CEO

Submitted By: Brian Heskin

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
10-OPI-9	1	0	2 lb	CC1201_2 lb	2lb	-0.0306000 g	0.091 g	0.0008395 g	A
10-OPI-9	2	0	2 lb	CC1201_2 lb	2lb	-0.0221000 g	0.091 g	0.0008395 g	A
10-OPI-9	3	0	2 lb	CC1201_2 lb	2lb	-0.0152000 g	0.091 g	0.0008395 g	A
10-OPI-9	4	0	2 lb	CC1201_2 lb	2lb	-0.0168000 g	0.091 g	0.0008395 g	A
10-OPI-9	5	0	2 lb	CC1201_2 lb	2lb	0.0016000 g	0.091 g	0.0008395 g	A
10-OPI-9	6	0	2 lb	CC1201_2 lb	2lb	-0.0061000 g	0.091 g	0.0008395 g	A
10-OPI-9	7	0	2 lb	CC1201_2 lb	2lb	0.0151000 g	0.091 g	0.0008395 g	A
10-OPI-9	8	0	2 lb	CC1201_2 lb	2lb	0.0127000 g	0.091 g	0.0008395 g	A
10-OPI-9	9	0	2 lb	CC1201_2 lb	2lb	-0.0595000 g	0.091 g	0.0008395 g	A
10-OPI-9	10	0	2 lb	CC1201_2 lb	2lb	0.0187000 g	0.091 g	0.0008395 g	A
10-OPI-9	11	0	2 lb	CC1201_2 lb	2lb	0.0298000 g	0.091 g	0.0008395 g	A
10-OPI-9	12	0	2 lb	CC1201_2 lb	2lb	-0.0258000 g	0.091 g	0.0008395 g	A
10-OPI-9	13	0	2 lb	CC1201_2 lb	2lb	0.0247000 g	0.091 g	0.0008395 g	A
10-OPI-9	14	0	2 lb	CC1201_2 lb	2lb	-0.0028000 g	0.091 g	0.0008395 g	A
10-OPI-9	15	0	1 lb	CC1201_1 lb	1lb**	-0.0118000 g	0.07 g	0.0007909 g	A
10-OPI-9	16	0	1 lb	CC1201_1 lb	1lb**	-0.0172000 g	0.07 g	0.0007909 g	A
10-OPI-9	17	0	8 oz	CC1201_8 oz	.5lb	-0.0206000 g	0.045 g	0.0007980 g	A
10-OPI-9	18	0	4 oz	CC1201_8 oz	.2lb	0.0084010 g	0.023 g	0.0003848 g	A
10-OPI-9	19	0	2 oz	AT106_0.2 lb	.1lb	0.0048320 g	0.011 g	0.0000460 g	A
11A9	17	0	8 oz	CC1201_8 oz	.5lb	0.0105000 g	0.045 g	0.0007980 g	A
11A9	18	0	4 oz	CC1201_8 oz	.2lb	0.0012010 g	0.023 g	0.0003848 g	A
11A9	19	0	2 oz	AT106_0.2 lb	.1lb	-0.0045300 g	0.011 g	0.0000460 g	A
17649	1	0	0.2 lb	AT106_0.2 lb	.2lb	0.0084040 g	0.018 g	0.0000488 g	A
17649	2	0	0.2 lb*	AT106_0.2 lb	.2lb	0.0087760 g	0.018 g	0.0000488 g	A
17649	3	0	0.1 lb	AT106_0.2 lb	.1lb	0.0039630 g	0.0091 g	0.0000434 g	A
17649	4	0	0.05 lb	AT106_0.05 lb	.05lb	0.0017010 g	0.0045 g	0.0000274 g	A

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Agency ID: 90
 Agency: Food Safety & Consumer Protection
 Area 90
 Omaha, NE -

NE Cert No: 20130125
 Date: 12/9/2013
 P.O. No:
 Observer: CEO

Submitted By: Brian Heskin

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Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
17649	5	0	0.02 lb	AT106_0.05 lb	.02lb	0.0006630 g	0.0018 g	0.0000240 g	A
17649	6	0	0.02 lb*	AT106_0.05 lb	.02lb	0.0003180 g	0.0018 g	0.0000240 g	A
17649	7	0	0.01 lb	CCE6_0.01 lb	.01lb	0.0004380 g	0.0015 g	0.0000154 g	A
17649	8	0	0.005 lb	CCE6_0.01 lb	.005lb	0.0001506 g	0.0012 g	0.0000047 g	A
17649	9	0	0.002 lb	CCE6_0.01 lb	.002lb	-0.0000085 g	0.00087 g	0.0000047 g	A
17649	10	0	0.002 lb*	CCE6_0.01 lb	.002lb	-0.0001465 g	0.00087 g	0.0000047 g	A
17649	11	0	0.001 lb	CCE6_0.01 lb	.001lb	0.0001214 g	0.0007 g	0.0000047 g	A
WM25-46	1	0	25 lb	KA30-3_25lb	20lb	1.2906000 g	1.1 g	0.0389316 g	R
WM25-46	1	1	25 lb	KA30-3_25lb	20lb	0.3956000 g	1.1 g	0.0389316 g	A
WM25-47	1	0	25 lb	KA30-3_25lb	20lb	1.2056000 g	1.1 g	0.0389316 g	R
WM25-47	1	1	25 lb	KA30-3_25lb	20lb	0.4606000 g	1.1 g	0.0389316 g	A
WM25-88	1	0	25 lb	KA30-3_25lb	20lb	0.8006000 g	1.1 g	0.0389316 g	A
WM25-89	1	0	25 lb	KA30-3_25lb	20lb	0.3656000 g	1.1 g	0.0389316 g	A
WM25-90	1	0	25 lb	KA30-3_25lb	20lb	0.0006000 g	1.1 g	0.0389316 g	A
WM25-91	1	0	25 lb	KA30-3_25lb	20lb	-0.1494000 g	1.1 g	0.0389316 g	A
WM25-92	1	0	25 lb	KA30-3_25lb	20lb	0.2606000 g	1.1 g	0.0389316 g	A
WM25-93	1	0	25 lb	KA30-3_25lb	20lb	1.2406000 g	1.1 g	0.0389316 g	R
WM25-93	1	1	25 lb	KA30-3_25lb	20lb	0.2306000 g	1.1 g	0.0389316 g	A
WM25-94	1	0	25 lb	KA30-3_25lb	20lb	-0.0994000 g	1.1 g	0.0389316 g	A
WM25-95	1	0	25 lb	KA30-3_25lb	20lb	0.4656000 g	1.1 g	0.0389316 g	A
WM-3G95	1	0	0.3 lb	CC1201_8 oz	.3lb	0.0010400 g	0.027 g	0.0007980 g	A
WM-3G95	2	0	0.2 lb	AT106_0.2 lb	.2lb	0.0041730 g	0.018 g	0.0000488 g	A
WM-3G95	3	0	0.1 lb	AT106_0.2 lb	.1lb	0.0030990 g	0.0091 g	0.0000434 g	A
WM-3G95	4	0	0.05 lb	AT106_0.05 lb	.05lb	0.0013240 g	0.0045 g	0.0000274 g	A
WM-3G95	5	0	0.03 lb	AT106_0.05 lb	.03lb	0.0006100 g	0.0027 g	0.0000240 g	A
WM-3G95	6	0	0.02 lb	AT106_0.05 lb	.02lb	0.0005420 g	0.0018 g	0.0000240 g	A
WM-3G95	7	0	0.01 lb	CCE6_0.01 lb	.01lb	0.0003387 g	0.0015 g	0.0000154 g	A
WM-3G95	8	0	0.005 lb	CCE6_0.01 lb	.005lb	0.0007842 g	0.0012 g	0.0000047 g	A
WM-3G95	9	0	0.003 lb	CCE6_0.01 lb	.003lb	0.0005972 g	0.00099 g	0.0000047 g	A
WM-3G95	10	0	0.002 lb	CCE6_0.01 lb	.002lb	0.0006661 g	0.00087 g	0.0000047 g	A
WM-3G95	11	0	0.001 lb	CCE6_0.01 lb	.001lb	0.0002126 g	0.0007 g	0.0000047 g	A
WM-3G95	12	0	0.001 lb*	CCE6_0.01 lb	.001lb	0.0002224 g	0.0007 g	0.0000047 g	A
WM-6D98	1	0	10 lb	CC10000S_10lb	10lb	0.2031000 g	0.45 g	0.0062700 g	A

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Agency ID: 90
 Agency: Food Safety & Consumer Protection
 Area 90
 Omaha, NE -

NE Cert No: 20130125
 Date: 12/9/2013
 P.O. No:
 Observer: CEO

Submitted By: Brian Heskin

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Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
WM-6D98	2	0	5 lb	CC10000S_5lb	5lb	0.0874000 g	0.23 g	0.0010977 g	A
WM-6D98	3	0	2 lb	CC1201_2 lb	2lb	0.0451000 g	0.091 g	0.0008395 g	A
WM-6D98	4	0	2 lb*	CC1201_2 lb	2lb	0.0366000 g	0.091 g	0.0008395 g	A
WM-6D98	5	0	1 lb	CC1201_1 lb	1lb**	0.0231000 g	0.07 g	0.0007909 g	A
WM-6D98	6	0	0.5 lb	CC1201_8 oz	.5lb	0.0191000 g	0.045 g	0.0007980 g	A
WM-7	1	0	4 kg	CC10000S_5kg	3kg	-0.0018610 g	0.08 g	0.0007906 g	A
WM-D10	1	0	25 lb	KA30-3_25lb	20lb	0.5256000 g	1.1 g	0.0389316 g	A
WM-D11	1	0	25 lb	KA30-3_25lb	20lb	0.6956000 g	1.1 g	0.0389316 g	A
WM-D12	1	0	25 lb	KA30-3_25lb	20lb	1.0356000 g	1.1 g	0.0389316 g	A
WM-D3	1	0	25 lb	KA30-3_25lb	20lb	1.1856000 g	1.1 g	0.0389316 g	R
WM-D3	1	1	25 lb	KA30-3_25lb	20lb	0.1156000 g	1.1 g	0.0389316 g	A
WM-D4	1	0	25 lb	KA30-3_25lb	20lb	0.6956000 g	1.1 g	0.0389316 g	A
WM-D5	1	0	25 lb	KA30-3_25lb	20lb	1.0656000 g	1.1 g	0.0389316 g	A
WM-D6	1	0	25 lb	KA30-3_25lb	20lb	1.0056000 g	1.1 g	0.0389316 g	A
WM-D7	1	0	25 lb	KA30-3_25lb	20lb	1.0156000 g	1.1 g	0.0389316 g	A
WM-D8	1	0	25 lb	KA30-3_25lb	20lb	0.8356000 g	1.1 g	0.0389316 g	A
WM-D9	1	0	25 lb	KA30-3_25lb	20lb	0.7556000 g	1.1 g	0.0389316 g	A

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