

**REPORT TO PARTICIPANTS IN
THE AOAC® LABORATORY PROFICIENCY
TESTING PROGRAM**

**INFANT FORMULA & ADULT
NUTRITIONALS PROGRAM
SHIPMENT 02/18/2019
PT Round # 3**

REPORT ISSUED ON 05/22/2019

AOAC INTERNATIONAL
Arlene Fox, Senior Director of Proficiency Testing
2275 Research Blvd, Suite 300, Rockville, MD 20850 US
Telephone +1-301-924-7077 Fax + 1-301-924-7089
Internet e-mail: LPTP@aoac.org

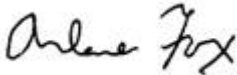
Table of Contents

- 1.0 Introduction
- 2.0 Preparation of Test Materials
- 3.0 Calculation and Interpretation of z-scores
- 4.0 Results
 - 4.1 General Discussion of Results

Appendix A- Participating Laboratory's Results

Appendix B- Instructions for analysis

Appendix C- Homogeneity Report

Authorization
<p>This report has been authorized by Arlene Fox, Senior Director of the AOAC® LABORATORY PROFICIENCY TESTING PROGRAMSM</p> <p style="text-align: center;"> _____</p>

**REPORT TO PARTICIPANTS IN
THE AOAC® LABORATORY PROFICIENCY TESTING PROGRAM**

INFANT FORMULA & ADULT NUTRITIONALS PROGRAM

1.0 Introduction

Test materials for the Infant Formula & Adult Nutritionals Program were shipped to participants on February 18, 2019. Each laboratory was given a site identification number in order to maintain confidentiality. Instructions on how to report results within the AOAC Proficiency Testing was provided to the participants. Participants were instructed to analyze the test materials according to procedures routinely used in their laboratories. The results were to be recorded and submitted to AOAC INTERNATIONAL by March 20, 2019.

2.0 Preparation of Test Materials

For homogeneity, ten containers were randomly selected and analyzed in singlet to verify the homogeneity of the test material (Appendix C) for Vitamin B6, Magnesium, Calcium, Zinc and Vitamin E acetate. Homogeneity testing was completed prior to shipment on all matrices used in the program. The requirements of ISO/IEC Standard 17043:2010(E) Conformity Assessment - General requirements of proficiency testing schemes were met.

Each set of test materials included six samples. The samples were two matrices done in triplicate. **Test samples 1, 3, and 5** were an Infant Formula Powdered Milk Based (LOT# ID 4044755861-Country of Origin-Ireland). Each sample contained 352 g of material. **Test samples 2, 4, and 6** were an Infant Formula Powdered Milk Based (LOT# ID K16NTAV-Country of Origin-United States). Each sample contained 400 g of material.

Samples were prepared by the following laboratory:

Eurofins US Laboratories
3301 Kinsman Blvd.
Madison, WI 53704

3.0 Calculation and Interpretation of z-scores:

For each individual result, a z-score was calculated as follows:

$$z = \frac{(x - X)}{s}$$

where:

z = the z score (standard score)

x = the reported value of analyte

X = the assigned value, the best estimate of the “ true”
Concentration

s = the estimate of variation (standard deviation)

The robust procedure from *ISO 13528:2005 (E), Statistical methods for use in proficiency testing by interlaboratory comparisons* is used in processing the result data. Robust statistics relies on medians rather than means, and uses more information from the central than from the outlying observations.

The assigned value used was based on the formulation. The standard deviation used was 20% of the assigned value, the SD represents the use of the Horowitz equation. Measurement uncertainty (standard uncertainty of the assigned value) has also been provided.

The following interpretation of z-scores for each individual test result is provided in of ISO/IEC Standard 17043:2010(E) Conformity Assessment - General requirements for proficiency testing schemes common examples of application of z-scores:

<u>Results Obtained</u>	<u>Rating</u>
$ z \leq 2$	Satisfactory
$2 < z < 3$	Questionable
$ z \geq 3$	Unsatisfactory

Calculations for z scores based on the data presented in the results sheet might be slightly different from the z-scores assigned by AOAC. The z-scores assigned by AOAC are based on calculations that use more significant figures than is possible to display on the results sheet.

4.0 Results

4.1 General Discussion of Results

Confidentiality of results will be maintained by issuing site identification codes to the participants. Results in reports will only be identified by the site identification code. Z-scores have been provided for the following nutrients: Vitamin A, Vitamin E (samples 2,4,6 only), Folic acid, Vitamin B1, Vitamin B2, Vitamin B3, Vitamin B6, Vitamin B12, Biotin (samples 2,4,6 only), Vitamin K1, Vitamin C, Iodine and fatty acids-alpha Linolenic acid (ALA) (samples 1,3,5 only), Linoleic acid (LA) (samples 1,3,5 only), Arachidonic (ARA), and Docosahexaenoic (DHA). AOAC plans on having z-scores available for more nutrients in future rounds. Participants had the choice to report results for the AOAC Official Methods of Analysis (OMA) and/or some Other Method, for each nutrient. Some tests had fewer participants submitting results because some of the laboratories do not routinely perform all the analyses. The assigned value was determined by formulation and the standard deviation is 20% of the assigned value. If a Nutrient did not have an assigned value provided then that value was not available on the certificate of analysis for the matrix and is labeled in the report as Not Used for Evaluation.

AOAC is instituting an approach to provide information on the performance of the different methods used by participants. Participants will have to make sure that their method is correctly transcribed so that their results are scored with the correct group in the future.

Appendix A is included in this report to show the assigned value, standard deviation, median, and min and max results; and participant z-scores and corresponding measurement uncertainty where applicable. Measurement uncertainty, or in the case with these statistics, “standard uncertainty of the assigned value”, has been included. If a component was included in the analysis by a laboratory, but it was lower than their limit of quantitation, it is represented as “Result Reported as Less Than” in the notes field. Each laboratory should use the information in Appendix A to determine areas of improvement. Appendix B is instructions for analysis and Appendix C is Homogeneity.

If a participant would like to appeal against the assessment of their performance in this proficiency testing scheme please contact staff at LPTP@AOAC.org

Individual laboratory results are in Appendix A

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Vitamin B1	mcg/100g	1	AOAC	Not Tested	5	119.870	19939.666	1020.000	96374.460	1110.000	222.000			
xxxxx	Vitamin B1	mcg/100g	1	OTHER	1020.0000	5	119.870	19939.666	1020.000	96374.460	1110.000	222.000	-0.405	124.102	
xxxxx	Vitamin B1	mcg/100g	2	AOAC	Not Tested	5	135.650	18180.140	1160.000	87084.050	1317.557	263.511			
xxxxx	Vitamin B1	mcg/100g	2	OTHER	1160.0000	5	135.650	18180.140	1160.000	87084.050	1317.557	263.511	-0.598	147.307	
xxxxx	Vitamin B1	mcg/100g	3	AOAC	Not Tested	5	121.010	19933.078	1070.000	96153.380	1110.000	222.000			
xxxxx	Vitamin B1	mcg/100g	3	OTHER	1070.0000	5	121.010	19933.078	1070.000	96153.380	1110.000	222.000	-0.180	124.102	
xxxxx	Vitamin B1	mcg/100g	4	AOAC	Not Tested	5	136.770	18141.692	1200.000	86903.690	1317.557	263.511			
xxxxx	Vitamin B1	mcg/100g	4	OTHER	1200.0000	5	136.770	18141.692	1200.000	86903.690	1317.557	263.511	-0.446	147.307	
xxxxx	Vitamin B1	mcg/100g	5	AOAC	Not Tested	5	118.920	20025.316	1050.000	96659.660	1110.000	222.000			
xxxxx	Vitamin B1	mcg/100g	5	OTHER	1050.0000	5	118.920	20025.316	1050.000	96659.660	1110.000	222.000	-0.270	124.102	
xxxxx	Vitamin B1	mcg/100g	6	AOAC	Not Tested	5	152.000	18009.292	1060.000	86343.460	1317.557	263.511			
xxxxx	Vitamin B1	mcg/100g	6	OTHER	1050.0000	5	152.000	18009.292	1060.000	86343.460	1317.557	263.511	-1.015	147.307	
xxxxx	Vitamin B2	mcg/100g	1	AOAC	Not Tested	5	145.290	3922.538	1605.000	14444.400	1403.000	280.600			
xxxxx	Vitamin B2	mcg/100g	1	OTHER	846.0000	5	145.290	3922.538	1605.000	14444.400	1403.000	280.600	-1.985	156.860	
xxxxx	Vitamin B2	mcg/100g	2	AOAC	Not Tested	5	165.440	4292.768	1456.000	17046.400	1567.176	313.435			
xxxxx	Vitamin B2	mcg/100g	2	OTHER	981.0000	5	165.440	4292.768	1456.000	17046.400	1567.176	313.435	-1.870	175.216	
xxxxx	Vitamin B2	mcg/100g	3	AOAC	Not Tested	5	144.450	3947.690	1650.000	14440.000	1403.000	280.600			
xxxxx	Vitamin B2	mcg/100g	3	OTHER	814.0000	5	144.450	3947.690	1650.000	14440.000	1403.000	280.600	-2.099	156.860	
xxxxx	Vitamin B2	mcg/100g	4	AOAC	Not Tested	5	168.410	4275.462	1572.000	17040.900	1567.176	313.435			
xxxxx	Vitamin B2	mcg/100g	4	OTHER	771.0000	5	168.410	4275.462	1572.000	17040.900	1567.176	313.435	-2.540	175.216	
xxxxx	Vitamin B2	mcg/100g	5	AOAC	Not Tested	5	147.000	3983.400	1655.000	14626.000	1403.000	280.600			
xxxxx	Vitamin B2	mcg/100g	5	OTHER	827.0000	5	147.000	3983.400	1655.000	14626.000	1403.000	280.600	-2.053	156.860	
xxxxx	Vitamin B2	mcg/100g	6	AOAC	Not Tested	5	167.020	4110.764	1520.000	16016.800	1567.176	313.435			
xxxxx	Vitamin B2	mcg/100g	6	OTHER	1040.0000	5	167.020	4110.764	1520.000	16016.800	1567.176	313.435	-1.682	175.216	
xxxxx	Vitamin B3	mcg/100g	1	AOAC	Not Tested	5	654.800	14503.500	5647.000	57005.700	5683.000	1136.600			
xxxxx	Vitamin B3	mcg/100g	1	OTHER	3030.0000	5	654.800	14503.500	5647.000	57005.700	5683.000	1136.600	-2.334	635.379	
xxxxx	Vitamin B3	mcg/100g	2	AOAC	Not Tested	5	888.810	19218.422	7612.000	74731.300	8435.115	1687.023			
xxxxx	Vitamin B3	mcg/100g	2	OTHER	4100.0000	5	888.810	19218.422	7612.000	74731.300	8435.115	1687.023	-2.570	943.074	
xxxxx	Vitamin B3	mcg/100g	3	AOAC	Not Tested	5	661.290	14952.758	5472.000	59320.500	5683.000	1136.600			
xxxxx	Vitamin B3	mcg/100g	3	OTHER	3070.0000	5	661.290	14952.758	5472.000	59320.500	5683.000	1136.600	-2.299	635.379	
xxxxx	Vitamin B3	mcg/100g	4	AOAC	Not Tested	5	869.770	19202.334	7640.000	74201.900	8435.115	1687.023			

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Vitamin B3	mcg/100g	4	OTHER	4630.0000	5	869.770	19202.334	7640.000	74201.900	8435.115	1687.023	-2.256	943.074	
xxxxx	Vitamin B3	mcg/100g	5	AOAC	Not Tested	5	629.450	14989.790	5649.000	59350.500	5683.000	1136.600			
xxxxx	Vitamin B3	mcg/100g	5	OTHER	3020.0000	5	629.450	14989.790	5649.000	59350.500	5683.000	1136.600	-2.343	635.379	
xxxxx	Vitamin B3	mcg/100g	6	AOAC	Not Tested	5	881.330	19311.486	8780.000	73118.100	8435.115	1687.023			
xxxxx	Vitamin B3	mcg/100g	6	OTHER	4530.0000	5	881.330	19311.486	8780.000	73118.100	8435.115	1687.023	-2.315	943.074	
xxxxx	Vitamin B6	mcg/100g	1	AOAC	Not Tested	5	95.800	2278.560	656.000	6311.000	796.000	159.200			
xxxxx	Vitamin B6	mcg/100g	1	OTHER	3690.0000	5	95.800	2278.560	656.000	6311.000	796.000	159.200	18.178	88.996	Outlier: Z beyond 3
xxxxx	Vitamin B6	mcg/100g	2	AOAC	Not Tested	5	56.290	2260.478	681.000	6258.100	618.321	123.664			
xxxxx	Vitamin B6	mcg/100g	2	OTHER	3710.0000	5	56.290	2260.478	681.000	6258.100	618.321	123.664	25.001	69.130	Outlier: Z beyond 3
xxxxx	Vitamin B6	mcg/100g	3	AOAC	Not Tested	5	92.220	2300.084	690.000	6238.200	796.000	159.200			
xxxxx	Vitamin B6	mcg/100g	3	OTHER	3810.0000	5	92.220	2300.084	690.000	6238.200	796.000	159.200	18.932	88.996	Outlier: Z beyond 3
xxxxx	Vitamin B6	mcg/100g	4	AOAC	Not Tested	5	56.720	2272.104	690.000	6254.800	618.321	123.664			
xxxxx	Vitamin B6	mcg/100g	4	OTHER	3700.0000	5	56.720	2272.104	690.000	6254.800	618.321	123.664	24.920	69.130	Outlier: Z beyond 3
xxxxx	Vitamin B6	mcg/100g	5	AOAC	Not Tested	5	95.070	2251.894	685.000	6271.400	796.000	159.200			
xxxxx	Vitamin B6	mcg/100g	5	OTHER	3570.0000	5	95.070	2251.894	685.000	6271.400	796.000	159.200	17.425	88.996	Outlier: Z beyond 3
xxxxx	Vitamin B6	mcg/100g	6	AOAC	Not Tested	5	60.330	2209.166	680.000	6176.500	618.321	123.664			
xxxxx	Vitamin B6	mcg/100g	6	OTHER	3500.0000	5	60.330	2209.166	680.000	6176.500	618.321	123.664	23.302	69.130	Outlier: Z beyond 3
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	1	AOAC	Not Tested	3	1.000	1.658	1.940	2.035	2.600	0.520			
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	1	OTHER	< 1.0000	3	1.000	1.658	1.940	2.035	2.600	0.520			Result Reported as <
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	2	AOAC	Not Tested	3	3.610	4.201	3.993	5.000	4.122	0.824			
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	2	OTHER	5.0000	3	3.610	4.201	3.993	5.000	4.122	0.824	1.065	0.595	
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	3	AOAC	Not Tested	3	1.000	1.592	1.820	1.956	2.600	0.520			
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	3	OTHER	< 1.0000	3	1.000	1.592	1.820	1.956	2.600	0.520			Result Reported as <
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	4	AOAC	Not Tested	3	3.400	3.604	3.540	3.872	4.122	0.824			
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	4	OTHER	3.4000	3	3.400	3.604	3.540	3.872	4.122	0.824	-0.876	0.595	
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	5	AOAC	Not Tested	3	1.940	2.367	1.961	3.200	2.600	0.520			
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	5	OTHER	3.2000	3	1.940	2.367	1.961	3.200	2.600	0.520	1.154	0.375	
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	6	AOAC	Not Tested	3	4.002	5.304	4.210	7.700	4.122	0.824			
xxxxx	Vitamin B12	mcg/100g Cyanocobalamin	6	OTHER	7.7000	3	4.002	5.304	4.210	7.700	4.122	0.824	4.340	0.595	Outlier: Z beyond 3
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	1	AOAC	Not Tested	5	231.020	12790.164	5110.000	48539.800					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	1	OTHER	3390.0000	5	231.020	12790.1645	110.000	48539.800					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	2	AOAC	Not Tested	5	686.470	12894.1145	530.000	46272.100					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	2	OTHER	4500.0000	5	686.470	12894.1145	530.000	46272.100					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	3	AOAC	Not Tested	5	232.570	10839.0945	5025.000	40065.900					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	3	OTHER	3220.0000	5	232.570	10839.0945	5025.000	40065.900					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	4	AOAC	Not Tested	5	669.990	12835.7385	590.000	46143.700					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	4	OTHER	4290.0000	5	669.990	12835.7385	590.000	46143.700					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	5	AOAC	Not Tested	5	239.060	9475.492	4600.000	33983.400					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	5	OTHER	3530.0000	5	239.060	9475.492	4600.000	33983.400					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	6	AOAC	Not Tested	5	662.870	12237.0145	179.000	45183.200					Not Used for Evaluation
xxxxx	Pantothenic acid (B5)	mcg/100g as Pantothenic Acid	6	OTHER	4630.0000	5	662.870	12237.0145	179.000	45183.200					Not Used for Evaluation
xxxxx	Vitamin C	mg/100g	1	AOAC	Not Tested	4	10.030	56.583	65.800	84.700	97.400	19.480			
xxxxx	Vitamin C	mg/100g	1	OTHER	60.2000	4	10.030	56.583	65.800	84.700	97.400	19.480	-1.910	12.175	
xxxxx	Vitamin C	mg/100g	2	AOAC	Not Tested	4	10.010	58.403	66.550	90.500	86.260	17.252			
xxxxx	Vitamin C	mg/100g	2	OTHER	62.2000	4	10.010	58.403	66.550	90.500	86.260	17.252	-1.395	10.782	
xxxxx	Vitamin C	mg/100g	3	AOAC	Not Tested	4	10.480	58.420	68.250	86.700	97.400	19.480			
xxxxx	Vitamin C	mg/100g	3	OTHER	65.3000	4	10.480	58.420	68.250	86.700	97.400	19.480	-1.648	12.175	
xxxxx	Vitamin C	mg/100g	4	AOAC	Not Tested	4	9.880	57.520	63.200	93.800	86.260	17.252			
xxxxx	Vitamin C	mg/100g	4	OTHER	57.6000	4	9.880	57.520	63.200	93.800	86.260	17.252	-1.661	10.782	
xxxxx	Vitamin C	mg/100g	5	AOAC	Not Tested	4	10.450	56.913	65.650	85.900	97.400	19.480			
xxxxx	Vitamin C	mg/100g	5	OTHER	60.0000	4	10.450	56.913	65.650	85.900	97.400	19.480	-1.920	12.175	
xxxxx	Vitamin C	mg/100g	6	AOAC	Not Tested	4	10.100	60.525	67.000	98.000	86.260	17.252			
xxxxx	Vitamin C	mg/100g	6	OTHER	58.9000	4	10.100	60.525	67.000	98.000	86.260	17.252	-1.586	10.782	
xxxxx	Biotin	mcg/100g Biotin	1	AOAC	Not Tested	4	3.180	20.555	20.770	37.500					
xxxxx	Biotin	mcg/100g Biotin	1	OTHER	16.0000	4	3.180	20.555	20.770	37.500					Not Used for Evaluation
xxxxx	Biotin	mcg/100g Biotin	2	AOAC	Not Tested	4	5.600	35.176	38.901	57.300	46.565	9.313			
xxxxx	Biotin	mcg/100g Biotin	2	OTHER	31.0000	4	5.600	35.176	38.901	57.300	46.565	9.313	-1.671	5.821	
xxxxx	Biotin	mcg/100g Biotin	3	AOAC	Not Tested	4	3.180	19.703	20.515	34.600					
xxxxx	Biotin	mcg/100g Biotin	3	OTHER	16.0000	4	3.180	19.703	20.515	34.600					Not Used for Evaluation
xxxxx	Biotin	mcg/100g Biotin	4	AOAC	Not Tested	4	5.410	35.958	37.212	64.000	46.565	9.313			
xxxxx	Biotin	mcg/100g Biotin	4	OTHER	28.0000	4	5.410	35.958	37.212	64.000	46.565	9.313	-1.993	5.821	

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Biotin	mcg/100g Biotin	5	AOAC	Not Tested	4	3.210	19.499	19.794	35.200					
xxxxx	Biotin	mcg/100g Biotin	5	OTHER	15.0000	4	3.210	19.499	19.794	35.200					Not Used for Evaluation
xxxxx	Biotin	mcg/100g Biotin	6	AOAC	Not Tested	4	5.390	36.999	39.352	63.900	46.565	9.313			
xxxxx	Biotin	mcg/100g Biotin	6	OTHER	33.0000	4	5.390	36.999	39.352	63.900	46.565	9.313	-1.457	5.821	
xxxxx	Folic Acid	mcg/100g Folic Acid	1	AOAC	Not Tested	3	11.360	101.787	104.000	190.000	115.000	23.000			
xxxxx	Folic Acid	mcg/100g Folic Acid	1	OTHER	190.0000	3	11.360	101.787	104.000	190.000	115.000	23.000	3.261	16.599	Outlier: Z beyond 3
xxxxx	Folic Acid	mcg/100g Folic Acid	2	AOAC	Not Tested	3	15.790	187.930	137.000	411.000	165.649	33.130			
xxxxx	Folic Acid	mcg/100g Folic Acid	2	OTHER	411.0000	3	15.790	187.930	137.000	411.000	165.649	33.130	7.406	23.909	Outlier: Z beyond 3
xxxxx	Folic Acid	mcg/100g Folic Acid	3	AOAC	Not Tested	3	11.410	166.470	108.000	380.000	115.000	23.000			
xxxxx	Folic Acid	mcg/100g Folic Acid	3	OTHER	380.0000	3	11.410	166.470	108.000	380.000	115.000	23.000	11.522	16.599	Outlier: Z beyond 3
xxxxx	Folic Acid	mcg/100g Folic Acid	4	AOAC	Not Tested	3	17.120	152.040	138.000	301.000	165.649	33.130			
xxxxx	Folic Acid	mcg/100g Folic Acid	4	OTHER	301.0000	3	17.120	152.040	138.000	301.000	165.649	33.130	4.085	23.909	Outlier: Z beyond 3
xxxxx	Folic Acid	mcg/100g Folic Acid	5	AOAC	Not Tested	3	11.360	132.120	111.000	274.000	115.000	23.000			
xxxxx	Folic Acid	mcg/100g Folic Acid	5	OTHER	274.0000	3	11.360	132.120	111.000	274.000	115.000	23.000	6.913	16.599	Outlier: Z beyond 3
xxxxx	Folic Acid	mcg/100g Folic Acid	6	AOAC	Not Tested	3	16.540	188.513	138.000	411.000	165.649	33.130			
xxxxx	Folic Acid	mcg/100g Folic Acid	6	OTHER	411.0000	3	16.540	188.513	138.000	411.000	165.649	33.130	7.406	23.909	Outlier: Z beyond 3
xxxxx	Vitamin A	mcg/100g Retinol (Total)	1	AOAC	Not Tested	2	870.000	930.000	930.000	990.000	677.100	135.420			
xxxxx	Vitamin A	mcg/100g Retinol (Total)	1	OTHER	870.0000	2	870.000	930.000	930.000	990.000	677.100	135.420	1.424	119.696	
xxxxx	Vitamin A	mcg/100g Retinol (Total)	2	AOAC	Not Tested	2	756.000	918.000	918.000	1080.000	674.400	134.880			
xxxxx	Vitamin A	mcg/100g Retinol (Total)	2	OTHER	756.0000	2	756.000	918.000	918.000	1080.000	674.400	134.880	0.605	119.218	
xxxxx	Vitamin A	mcg/100g Retinol (Total)	3	AOAC	Not Tested	2	831.000	935.500	935.500	1040.000	677.100	135.420			
xxxxx	Vitamin A	mcg/100g Retinol (Total)	3	OTHER	831.0000	2	831.000	935.500	935.500	1040.000	677.100	135.420	1.136	119.696	
xxxxx	Vitamin A	mcg/100g Retinol (Total)	4	AOAC	Not Tested	2	741.000	908.000	908.000	1075.000	674.400	134.880			
xxxxx	Vitamin A	mcg/100g Retinol (Total)	4	OTHER	741.0000	2	741.000	908.000	908.000	1075.000	674.400	134.880	0.494	119.218	
xxxxx	Vitamin A	mcg/100g Retinol (Total)	5	AOAC	Not Tested	2	792.000	916.000	916.000	1040.000	677.100	135.420			
xxxxx	Vitamin A	mcg/100g Retinol (Total)	5	OTHER	792.0000	2	792.000	916.000	916.000	1040.000	677.100	135.420	0.848	119.696	
xxxxx	Vitamin A	mcg/100g Retinol (Total)	6	AOAC	Not Tested	2	756.000	900.500	900.500	1045.000	674.400	134.880			
xxxxx	Vitamin A	mcg/100g Retinol (Total)	6	OTHER	756.0000	2	756.000	900.500	900.500	1045.000	674.400	134.880	0.605	119.218	
xxxxx	Vitamin D	mg/100g D2	1	AOAC	Not Tested	2	0.000	0.002	0.002	0.004					
xxxxx	Vitamin D	mg/100g D2	1	OTHER	0.0045	2	0.000	0.002	0.002	0.004					Not Used for Evaluation

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target			Standard Uncertainty of the Assigned Value	Note
											Value	sd	Z-Score		
xxxxx	Vitamin D	mg/100g D2	2	AOAC	Not Tested	2	0.000	0.003	0.003	0.005					
xxxxx	Vitamin D	mg/100g D2	2	OTHER	0.0053	2	0.000	0.003	0.003	0.005					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D2	3	AOAC	Not Tested	2	0.000	0.002	0.002	0.003					
xxxxx	Vitamin D	mg/100g D2	3	OTHER	0.0030	2	0.000	0.002	0.002	0.003					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D2	4	AOAC	Not Tested	2	0.000	0.003	0.003	0.006					
xxxxx	Vitamin D	mg/100g D2	4	OTHER	0.0064	2	0.000	0.003	0.003	0.006					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D2	5	AOAC	Not Tested	2	0.000	0.001	0.001	0.002					
xxxxx	Vitamin D	mg/100g D2	5	OTHER	0.0025	2	0.000	0.001	0.001	0.002					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D2	6	AOAC	Not Tested	2	0.000	0.003	0.003	0.007					
xxxxx	Vitamin D	mg/100g D2	6	OTHER	0.0067	2	0.000	0.003	0.003	0.007					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D3	1	AOAC	Not Tested	2	0.001	0.005	0.005	0.009					
xxxxx	Vitamin D	mg/100g D3	1	OTHER	0.0006	2	0.001	0.005	0.005	0.009					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D3	2	AOAC	Not Tested	2	0.001	0.006	0.006	0.011					
xxxxx	Vitamin D	mg/100g D3	2	OTHER	0.0006	2	0.001	0.006	0.006	0.011					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D3	3	AOAC	Not Tested	2	0.001	0.005	0.005	0.009					
xxxxx	Vitamin D	mg/100g D3	3	OTHER	0.0007	2	0.001	0.005	0.005	0.009					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D3	4	AOAC	Not Tested	2	0.001	0.006	0.006	0.011					
xxxxx	Vitamin D	mg/100g D3	4	OTHER	0.0007	2	0.001	0.006	0.006	0.011					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D3	5	AOAC	Not Tested	2	0.001	0.005	0.005	0.009					
xxxxx	Vitamin D	mg/100g D3	5	OTHER	0.0006	2	0.001	0.005	0.005	0.009					Not Used for Evaluation
xxxxx	Vitamin D	mg/100g D3	6	AOAC	Not Tested	2	0.001	0.006	0.006	0.011					
xxxxx	Vitamin D	mg/100g D3	6	OTHER	0.0008	2	0.001	0.006	0.006	0.011					Not Used for Evaluation
xxxxx	Vitamin E	mg/100g alpha-tocopherol	1	AOAC	Not Tested	2	3.250	8.425	8.425	13.600					
xxxxx	Vitamin E	mg/100g alpha-tocopherol	1	OTHER	13.6000	2	3.250	8.425	8.425	13.600					Not Used for Evaluation
xxxxx	Vitamin E	mg/100g alpha-tocopherol	2	AOAC	Not Tested	2	4.310	13.505	13.505	22.700					
xxxxx	Vitamin E	mg/100g alpha-tocopherol	2	OTHER	22.7000	2	4.310	13.505	13.505	22.700					Not Used for Evaluation
xxxxx	Vitamin E	mg/100g alpha-tocopherol	3	AOAC	Not Tested	2	3.450	9.125	9.125	14.800					
xxxxx	Vitamin E	mg/100g alpha-tocopherol	3	OTHER	14.8000	2	3.450	9.125	9.125	14.800					Not Used for Evaluation
xxxxx	Vitamin E	mg/100g alpha-tocopherol	4	AOAC	Not Tested	2	4.280	14.090	14.090	23.900					
xxxxx	Vitamin E	mg/100g alpha-tocopherol	4	OTHER	23.9000	2	4.280	14.090	14.090	23.900					Not Used for Evaluation
xxxxx	Vitamin E	mg/100g alpha-tocopherol	5	AOAC	Not Tested	2	3.530	8.715	8.715	13.900					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target			Standard Uncertainty of the Assigned Value	Note
											Value	sd	Z-Score		
xxxxx	Vitamin E	mg/100g alpha-tocopherol	5	OTHER	13.9000	2	3.530	8.715	8.715	13.900					Not Used for Evaluation
xxxxx	Vitamin E	mg/100g alpha-tocopherol	6	AOAC	Not Tested	2	4.110	14.155	14.155	24.200					
xxxxx	Vitamin E	mg/100g alpha-tocopherol	6	OTHER	24.2000	2	4.110	14.155	14.155	24.200					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	1	AOAC	Not Tested	3	5.650	19.953	26.170	28.040					
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	1	OTHER	28.0400	3	5.650	19.953	26.170	28.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	2	AOAC	Not Tested	3	6.110	20.930	27.440	29.240					
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	2	OTHER	29.2400	3	6.110	20.930	27.440	29.240					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	3	AOAC	Not Tested	3	5.830	20.130	26.380	28.180					
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	3	OTHER	28.1800	3	5.830	20.130	26.380	28.180					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	4	AOAC	Not Tested	3	6.330	20.640	27.410	28.180					
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	4	OTHER	28.1800	3	6.330	20.640	27.410	28.180					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	5	AOAC	Not Tested	3	5.710	20.357	26.440	28.920					
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	5	OTHER	28.9200	3	5.710	20.357	26.440	28.920					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	6	AOAC	Not Tested	3	5.970	20.787	27.400	28.990					
xxxxx	Fatty Acids	g/100g Fatty Acids (Total)	6	OTHER	28.9900	3	5.970	20.787	27.400	28.990					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C4:0 Butyric	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C4:0 Butyric	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C4:0 Butyric	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C4:0 Butyric	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C4:0 Butyric	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C4:0 Butyric	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C4:0 Butyric	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C4:0 Butyric	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C4:0 Butyric	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C4:0 Butyric	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C4:0 Butyric	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C4:0 Butyric	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C6:0 Caproic	1	AOAC	Not Tested	2	0.010	0.020	0.020	0.030					
xxxxx	Fatty Acids	g/100g C6:0 Caproic	1	OTHER	0.0100	2	0.010	0.020	0.020	0.030					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C6:0 Caproic	2	AOAC	Not Tested	2	0.010	0.025	0.025	0.040					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target		Z-Score	Standard Uncertainty of the Assigned Value	Note
											Value	sd			
xxxxx	Fatty Acids	g/100g C6:0 Caproic	2	OTHER	0.0100	2	0.010	0.025	0.025	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C6:0 Caproic	3	AOAC	Not Tested	2	0.010	0.020	0.020	0.030					
xxxxx	Fatty Acids	g/100g C6:0 Caproic	3	OTHER	0.0100	2	0.010	0.020	0.020	0.030					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C6:0 Caproic	4	AOAC	Not Tested	2	0.020	0.030	0.030	0.040					
xxxxx	Fatty Acids	g/100g C6:0 Caproic	4	OTHER	0.0200	2	0.020	0.030	0.030	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C6:0 Caproic	5	AOAC	Not Tested	2	0.020	0.025	0.025	0.030					
xxxxx	Fatty Acids	g/100g C6:0 Caproic	5	OTHER	0.0200	2	0.020	0.025	0.025	0.030					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C6:0 Caproic	6	AOAC	Not Tested	2	0.020	0.030	0.030	0.040					
xxxxx	Fatty Acids	g/100g C6:0 Caproic	6	OTHER	0.0200	2	0.020	0.030	0.030	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	1	AOAC	Not Tested	2	0.290	0.300	0.300	0.310					
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	1	OTHER	0.2900	2	0.290	0.300	0.300	0.310					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	2	AOAC	Not Tested	2	0.360	0.390	0.390	0.420					
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	2	OTHER	0.3600	2	0.360	0.390	0.390	0.420					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	3	AOAC	Not Tested	2	0.280	0.295	0.295	0.310					
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	3	OTHER	0.2800	2	0.280	0.295	0.295	0.310					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	4	AOAC	Not Tested	2	0.370	0.395	0.395	0.420					
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	4	OTHER	0.3700	2	0.370	0.395	0.395	0.420					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	5	AOAC	Not Tested	2	0.280	0.295	0.295	0.310					
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	5	OTHER	0.2800	2	0.280	0.295	0.295	0.310					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	6	AOAC	Not Tested	2	0.390	0.405	0.405	0.420					
xxxxx	Fatty Acids	g/100g C8:0 Caprylic	6	OTHER	0.3900	2	0.390	0.405	0.405	0.420					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C10:0 Capric	1	AOAC	Not Tested	2	0.240	0.250	0.250	0.260					
xxxxx	Fatty Acids	g/100g C10:0 Capric	1	OTHER	0.2600	2	0.240	0.250	0.250	0.260					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C10:0 Capric	2	AOAC	Not Tested	2	0.330	0.340	0.340	0.350					
xxxxx	Fatty Acids	g/100g C10:0 Capric	2	OTHER	0.3500	2	0.330	0.340	0.340	0.350					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C10:0 Capric	3	AOAC	Not Tested	2	0.240	0.250	0.250	0.260					
xxxxx	Fatty Acids	g/100g C10:0 Capric	3	OTHER	0.2600	2	0.240	0.250	0.250	0.260					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C10:0 Capric	4	AOAC	Not Tested	2	0.330	0.340	0.340	0.350					
xxxxx	Fatty Acids	g/100g C10:0 Capric	4	OTHER	0.3500	2	0.330	0.340	0.340	0.350					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C10:0 Capric	5	AOAC	Not Tested	2	0.240	0.255	0.255	0.270					
xxxxx	Fatty Acids	g/100g C10:0 Capric	5	OTHER	0.2700	2	0.240	0.255	0.255	0.270					Not Used for Evaluation

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C10:0 Capric	6	AOAC	Not Tested	2	0.330	0.340	0.340	0.350					
xxxxx	Fatty Acids	g/100g C10:0 Capric	6	OTHER	0.3500	2	0.330	0.340	0.340	0.350					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C12:0 Lauric	1	AOAC	Not Tested	2	1.820	1.885	1.885	1.950					
xxxxx	Fatty Acids	g/100g C12:0 Lauric	1	OTHER	1.9500	2	1.820	1.885	1.885	1.950					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C12:0 Lauric	2	AOAC	Not Tested	2	2.590	2.685	2.685	2.780					
xxxxx	Fatty Acids	g/100g C12:0 Lauric	2	OTHER	2.7800	2	2.590	2.685	2.685	2.780					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C12:0 Lauric	3	AOAC	Not Tested	2	1.820	1.895	1.895	1.970					
xxxxx	Fatty Acids	g/100g C12:0 Lauric	3	OTHER	1.9700	2	1.820	1.895	1.895	1.970					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C12:0 Lauric	4	AOAC	Not Tested	2	2.590	2.695	2.695	2.800					
xxxxx	Fatty Acids	g/100g C12:0 Lauric	4	OTHER	2.8000	2	2.590	2.695	2.695	2.800					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C12:0 Lauric	5	AOAC	Not Tested	2	1.830	1.915	1.915	2.000					
xxxxx	Fatty Acids	g/100g C12:0 Lauric	5	OTHER	2.0000	2	1.830	1.915	1.915	2.000					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C12:0 Lauric	6	AOAC	Not Tested	2	2.590	2.675	2.675	2.760					
xxxxx	Fatty Acids	g/100g C12:0 Lauric	6	OTHER	2.7600	2	2.590	2.675	2.675	2.760					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	1	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	1	OTHER	<0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	2	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	2	OTHER	<0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	3	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	3	OTHER	<0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	4	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	4	OTHER	<0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	5	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	5	OTHER	<0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	6	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C13:0 Tridecanoic	6	OTHER	<0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C14:0 Myristic	1	AOAC	Not Tested	2	0.830	0.965	0.965	1.100					
xxxxx	Fatty Acids	g/100g C14:0 Myristic	1	OTHER	1.1000	2	0.830	0.965	0.965	1.100					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C14:0 Myristic	2	AOAC	Not Tested	2	1.170	1.355	1.355	1.540					
xxxxx	Fatty Acids	g/100g C14:0 Myristic	2	OTHER	1.5400	2	1.170	1.355	1.355	1.540					Not Used for Evaluation

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C14:0 Myristic	3	AOAC	Not Tested	2	0.840	0.975	0.975	1.110					
xxxxx	Fatty Acids	g/100g C14:0 Myristic	3	OTHER	1.1100	2	0.840	0.975	0.975	1.110					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C14:0 Myristic	4	AOAC	Not Tested	2	1.160	1.355	1.355	1.550					
xxxxx	Fatty Acids	g/100g C14:0 Myristic	4	OTHER	1.5500	2	1.160	1.355	1.355	1.550					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C14:0 Myristic	5	AOAC	Not Tested	2	0.840	0.990	0.990	1.140					
xxxxx	Fatty Acids	g/100g C14:0 Myristic	5	OTHER	1.1400	2	0.840	0.990	0.990	1.140					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C14:0 Myristic	6	AOAC	Not Tested	2	1.160	1.345	1.345	1.530					
xxxxx	Fatty Acids	g/100g C14:0 Myristic	6	OTHER	1.5300	2	1.160	1.345	1.345	1.530					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C14:1 Myristoleic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	1	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	2	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	3	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	4	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	5	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target		Z-Score	Standard Uncertainty of the Assigned Value	Note
											Value	sd			
xxxxx	Fatty Acids	g/100g C15:0 Pentadecenoic	6	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	1	AOAC	Not Tested	2	5.980	6.120	6.120	6.260					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	1	OTHER	6.2600	2	5.980	6.120	6.120	6.260					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	2	AOAC	Not Tested	2	6.160	6.285	6.285	6.410					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	2	OTHER	6.4100	2	6.160	6.285	6.285	6.410					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	3	AOAC	Not Tested	2	6.050	6.180	6.180	6.310					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	3	OTHER	6.3100	2	6.050	6.180	6.180	6.310					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	4	AOAC	Not Tested	2	6.160	6.295	6.295	6.430					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	4	OTHER	6.4300	2	6.160	6.295	6.295	6.430					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	5	AOAC	Not Tested	2	6.080	6.280	6.280	6.480					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	5	OTHER	6.4800	2	6.080	6.280	6.280	6.480					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	6	AOAC	Not Tested	2	6.140	6.250	6.250	6.360					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:0 Palmitic	6	OTHER	6.3600	2	6.140	6.250	6.250	6.360					Not Used for Evaluation
xxxxx	Fatty Acids														
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	1	AOAC	Not Tested	2	0.030	0.035	0.035	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	1	OTHER	0.0300	2	0.030	0.035	0.035	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	2	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	2	OTHER	0.0400	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	3	AOAC	Not Tested	2	0.030	0.035	0.035	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	3	OTHER	0.0300	2	0.030	0.035	0.035	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	4	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	4	OTHER	0.0400	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	5	AOAC	Not Tested	2	0.030	0.035	0.035	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	5	OTHER	0.0300	2	0.030	0.035	0.035	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	6	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C16:1 Palmitoleic	6	OTHER	0.0400	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids														
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	1	AOAC	Not Tested	2	0.020	0.023	0.023	0.025					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	1	OTHER	0.0250	2	0.020	0.023	0.023	0.025					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	2	AOAC	Not Tested	2	0.020	0.022	0.022	0.024					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	2	OTHER	0.0240	2	0.020	0.022	0.022	0.024					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	3	AOAC	Not Tested	2	0.020	0.023	0.023	0.025					Not Used for Evaluation

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target Value	sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	3	OTHER	0.0250	2	0.020	0.023	0.023	0.025					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	4	AOAC	Not Tested	2	0.020	0.022	0.022	0.024					
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	4	OTHER	0.0240	2	0.020	0.022	0.022	0.024					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	5	AOAC	Not Tested	2	0.020	0.023	0.023	0.025					
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	5	OTHER	0.0250	2	0.020	0.023	0.023	0.025					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	6	AOAC	Not Tested	2	0.020	0.022	0.022	0.023					
xxxxx	Fatty Acids	g/100g C17: Heptadecenoic	6	OTHER	0.0230	2	0.020	0.022	0.022	0.023					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	1	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	1	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	2	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	2	OTHER	0.0100	1	0.010	0.010	0.010	0.010					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	3	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	3	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	4	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	4	OTHER	0.0100	1	0.010	0.010	0.010	0.010					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	5	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	5	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	6	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxxx	Fatty Acids	g/100g C17:1 cis-10-Heptadecenoic	6	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	1	AOAC	Not Tested	2	1.100	1.120	1.120	1.140					
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	1	OTHER	1.1400	2	1.100	1.120	1.120	1.140					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	2	AOAC	Not Tested	2	1.150	1.170	1.170	1.190					
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	2	OTHER	1.1900	2	1.150	1.170	1.170	1.190					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	3	AOAC	Not Tested	2	1.110	1.125	1.125	1.140					
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	3	OTHER	1.1400	2	1.110	1.125	1.125	1.140					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	4	AOAC	Not Tested	2	1.150	1.170	1.170	1.190					
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	4	OTHER	1.1900	2	1.150	1.170	1.170	1.190					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	5	AOAC	Not Tested	2	1.110	1.140	1.140	1.170					
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	5	OTHER	1.1700	2	1.110	1.140	1.140	1.170					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	6	AOAC	Not Tested	2	1.140	1.160	1.160	1.180					
xxxxxx	Fatty Acids	g/100g C18:0 Stearic	6	OTHER	1.1800	2	1.140	1.160	1.160	1.180					Not Used for Evaluation

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	1	AOAC	Not Tested	2	9.870	10.385	10.385	10.900					
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	1	OTHER	10.9000	2	9.870	10.385	10.385	10.900					Not Used for Evaluation
xxxxxx	Fatty Acids	g/100g C18:1n9c Oleic	2	AOAC	Not Tested	2	9.440	9.920	9.920	10.400					
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	2	OTHER	10.4000	2	9.440	9.920	9.920	10.400					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	3	AOAC	Not Tested	2	9.960	10.480	10.480	11.000					
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	3	OTHER	11.0000	2	9.960	10.480	10.480	11.000					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	4	AOAC	Not Tested	2	9.420	9.910	9.910	10.400					
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	4	OTHER	10.4000	2	9.420	9.910	9.910	10.400					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	5	AOAC	Not Tested	2	9.960	10.630	10.630	11.300					
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	5	OTHER	11.3000	2	9.960	10.630	10.630	11.300					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	6	AOAC	Not Tested	2	9.420	9.860	9.860	10.300					
xxxxx	Fatty Acids	g/100g C18:1n9c Oleic	6	OTHER	10.3000	2	9.420	9.860	9.860	10.300					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	1	AOAC	Not Tested	1	0.030	0.030	0.030	0.030					
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	1	OTHER	0.0300	1	0.030	0.030	0.030	0.030					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	2	AOAC	Not Tested	1	0.020	0.020	0.020	0.020					
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	2	OTHER	0.0200	1	0.020	0.020	0.020	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	3	AOAC	Not Tested	1	0.030	0.030	0.030	0.030					
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	3	OTHER	0.0300	1	0.030	0.030	0.030	0.030					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	4	AOAC	Not Tested	1	0.020	0.020	0.020	0.020					
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	4	OTHER	0.0200	1	0.020	0.020	0.020	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	5	AOAC	Not Tested	1	0.030	0.030	0.030	0.030					
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	5	OTHER	0.0300	1	0.030	0.030	0.030	0.030					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	6	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:1n9t Elaidic	6	OTHER	0.0100	1	0.010	0.010	0.010	0.010					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	1	AOAC	Not Tested	2	4.650	4.860	4.860	5.070	4.860	0.972			
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	1	OTHER	5.0700	2	4.650	4.860	4.860	5.070	4.860	0.972	0.216	0.859	
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	2	AOAC	Not Tested	2	4.800	4.960	4.960	5.120					
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	2	OTHER	5.1200	2	4.800	4.960	4.960	5.120					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	3	AOAC	Not Tested	2	4.680	4.890	4.890	5.100	4.860	0.972			
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	3	OTHER	5.1000	2	4.680	4.890	4.890	5.100	4.860	0.972	0.247	0.859	

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	4	AOAC	Not Tested	2	4.790	4.960	4.960	5.130					
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	4	OTHER	5.1300	2	4.790	4.960	4.960	5.130					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	5	AOAC	Not Tested	2	4.690	4.960	4.960	5.230	4.860	0.972			
xxxxx	FattyAcids	g/100g C18:2n6c Linoleic	5	OTHER	5.2300	2	4.690	4.960	4.960	5.230	4.860	0.972	0.381	0.859	
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	6	AOAC	Not Tested	2	4.790	4.940	4.940	5.090					
xxxxx	Fatty Acids	g/100g C18:2n6c Linoleic	6	OTHER	5.0900	2	4.790	4.940	4.940	5.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	1	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	1	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	2	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	2	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	3	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	3	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	4	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	4	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	5	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	5	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	6	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C18:2n6t Linolelaidic	6	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020	0.399	0.080			
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020	0.399	0.080			Result Reported as <
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020	0.399	0.080			
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020	0.399	0.080			Result Reported as <
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020	0.399	0.080			
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020	0.399	0.080			Result Reported as <
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C18:3n6 Linolenic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxx	Fatty Acids	g/100g C18:3n3 Linolenic	1	AOAC	Not Tested	2	0.390	0.415	0.415	0.440					
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	1	OTHER	0.4400	2	0.390	0.415	0.415	0.440					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	2	AOAC	Not Tested	2	0.480	0.500	0.500	0.520					
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	2	OTHER	0.5200	2	0.480	0.500	0.500	0.520					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	3	AOAC	Not Tested	2	0.390	0.415	0.415	0.440					
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	3	OTHER	0.4400	2	0.390	0.415	0.415	0.440					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	4	AOAC	Not Tested	2	0.480	0.505	0.505	0.530					
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	4	OTHER	0.5300	2	0.480	0.505	0.505	0.530					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	5	AOAC	Not Tested	2	0.390	0.420	0.420	0.450					
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	5	OTHER	0.4500	2	0.390	0.420	0.420	0.450					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	6	AOAC	Not Tested	2	0.480	0.500	0.500	0.520					
xxxxx	Fatty Acids	g/100g C18:3n3 Linolenic	6	OTHER	0.5200	2	0.480	0.500	0.500	0.520					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	1	AOAC	Not Tested	2	0.080	0.080	0.080	0.080					
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	1	OTHER	0.0800	2	0.080	0.080	0.080	0.080					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	2	AOAC	Not Tested	2	0.090	0.090	0.090	0.090					
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	2	OTHER	0.0900	2	0.090	0.090	0.090	0.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	3	AOAC	Not Tested	2	0.080	0.080	0.080	0.080					
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	3	OTHER	0.0800	2	0.080	0.080	0.080	0.080					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	4	AOAC	Not Tested	2	0.090	0.090	0.090	0.090					
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	4	OTHER	0.0900	2	0.090	0.090	0.090	0.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	5	AOAC	Not Tested	2	0.080	0.080	0.080	0.080					
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	5	OTHER	0.0800	2	0.080	0.080	0.080	0.080					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	6	AOAC	Not Tested	2	0.090	0.090	0.090	0.090					
xxxxx	Fatty Acids	g/100g C20:0 Arachidic	6	OTHER	0.0900	2	0.090	0.090	0.090	0.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	1	AOAC	Not Tested	2	0.050	0.050	0.050	0.050					
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	1	OTHER	0.0500	2	0.050	0.050	0.050	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	2	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	2	OTHER	0.0500	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	3	AOAC	Not Tested	2	0.050	0.050	0.050	0.050					
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	3	OTHER	0.0500	2	0.050	0.050	0.050	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	4	AOAC	Not Tested	2	0.040	0.040	0.040	0.040					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	4	OTHER	0.0400	2	0.040	0.040	0.040	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	5	AOAC	Not Tested	2	0.050	0.050	0.050	0.050					
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	5	OTHER	0.0500	2	0.050	0.050	0.050	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	6	AOAC	Not Tested	2	0.040	0.040	0.040	0.040					
xxxxx	Fatty Acids	g/100g C20:1n9 cis-11-Eicosenoic	6	OTHER	0.0400	2	0.040	0.040	0.040	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n6 cis-8, 11, 14-Eicosatrienoic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:3n3 cis-11, 14, 17-Eicosatrienoic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	1	AOAC	Not Tested	2	0.090	0.095	0.095	0.100	0.097	0.019			
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	1	OTHER	0.1000	2	0.090	0.095	0.095	0.100	0.097	0.019	0.155	0.017	
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	2	AOAC	Not Tested	2	0.090	0.095	0.095	0.100	0.100	0.020			
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	2	OTHER	0.1000	2	0.090	0.095	0.095	0.100	0.100	0.020	0.000	0.018	
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	3	AOAC	Not Tested	2	0.090	0.095	0.095	0.100	0.097	0.019			

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	3	OTHER	0.1000	2	0.090	0.095	0.095	0.100	0.097	0.019	0.155	0.017	
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	4	AOAC	Not Tested	2	0.090	0.095	0.095	0.100	0.100	0.020			
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	4	OTHER	0.1000	2	0.090	0.095	0.095	0.100	0.100	0.020	0.000	0.018	
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	5	AOAC	Not Tested	2	0.090	0.095	0.095	0.100	0.097	0.019			
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	5	OTHER	0.1000	2	0.090	0.095	0.095	0.100	0.097	0.019	0.155	0.017	
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	6	AOAC	Not Tested	2	0.090	0.095	0.095	0.100	0.100	0.020			
xxxxx	Fatty Acids	g/100g C20:4n6 Arachidonic	6	OTHER	0.1000	2	0.090	0.095	0.095	0.100	0.100	0.020	0.000	0.018	
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C20:5n3 cis-5, 8, 11, 14, 17-Eicosapentaenoic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	1	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	1	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	2	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	2	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	3	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	3	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	4	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	4	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	5	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	5	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	6	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C21:0 Heneicosanoic	6	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:0 Behenic	1	AOAC	Not Tested	2	0.080	0.085	0.085	0.090					
xxxxx	Fatty Acids	g/100g C22:0 Behenic	1	OTHER	0.0800	2	0.080	0.085	0.085	0.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:0 Behenic	2	AOAC	Not Tested	2	0.050	0.055	0.055	0.060					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target		Z-Score	Standard Uncertainty of the Assigned Value	Note
											Value	sd			
xxxxx	Fatty Acids	g/100g C22:0 Behenic	2	OTHER	0.0500	2	0.050	0.055	0.055	0.060					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:0 Behenic	3	AOAC	Not Tested	2	0.080	0.085	0.085	0.090					
xxxxx	Fatty Acids	g/100g C22:0 Behenic	3	OTHER	0.0800	2	0.080	0.085	0.085	0.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:0 Behenic	4	AOAC	Not Tested	2	0.050	0.050	0.050	0.050					
xxxxx	Fatty Acids	g/100g C22:0 Behenic	4	OTHER	0.0500	2	0.050	0.050	0.050	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:0 Behenic	5	AOAC	Not Tested	2	0.080	0.085	0.085	0.090					
xxxxx	Fatty Acids	g/100g C22:0 Behenic	5	OTHER	0.0800	2	0.080	0.085	0.085	0.090					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:0 Behenic	6	AOAC	Not Tested	2	0.050	0.050	0.050	0.050					
xxxxx	Fatty Acids	g/100g C22:0 Behenic	6	OTHER	0.0500	2	0.050	0.050	0.050	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	1	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	2	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target		Z-Score	Standard Uncertainty of the Assigned Value	Note
											Value	sd			
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:1n9 Erucic	6	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C22:2 cis-13	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:2 cis-13	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:2 cis-13	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:2 cis-13	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:2 cis-13	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:2 cis-13	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:2 cis-13	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:2 cis-13	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:2 cis-13	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:2 cis-13	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:2 cis-13	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C22:2 cis-13	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	16 - Docosadienoic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	16 - Docosadienoic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	16 - Docosadienoic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	16 - Docosadienoic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	16 - Docosadienoic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	16 - Docosadienoic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	16 - Docosadienoic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	16 - Docosadienoic	4	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	16 - Docosadienoic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	16 - Docosadienoic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	16 - Docosadienoic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	16 - Docosadienoic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	1	AOAC	Not Tested	2	0.060	0.060	0.060	0.060	0.059	0.012			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	1	OTHER	0.0600	2	0.060	0.060	0.060	0.060	0.059	0.012	0.085	0.010	
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	2	AOAC	Not Tested	2	0.040	0.045	0.045	0.050	0.049	0.010			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	2	OTHER	0.0500	2	0.040	0.045	0.045	0.050	0.049	0.010	0.102	0.009	
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	3	AOAC	Not Tested	2	0.060	0.065	0.065	0.070	0.059	0.012			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	3	OTHER	0.0700	2	0.060	0.065	0.065	0.070	0.059	0.012	0.932	0.010	

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target		Z-Score	Standard Uncertainty of the Assigned Value	Note
											Value	sd			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	4	AOAC	Not Tested	2	0.040	0.045	0.045	0.050	0.049	0.010			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	4	OTHER	0.0500	2	0.040	0.045	0.045	0.050	0.049	0.010	0.102	0.009	
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	5	AOAC	Not Tested	2	0.060	0.065	0.065	0.070	0.059	0.012			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	5	OTHER	0.0700	2	0.060	0.065	0.065	0.070	0.059	0.012	0.932	0.010	
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	6	AOAC	Not Tested	2	0.040	0.045	0.045	0.050	0.049	0.010			
xxxxx	Fatty Acids	g/100g C22:623 cis - 4,7,10,13,16 - Docosaheptaenoic	6	OTHER	0.0500	2	0.040	0.045	0.045	0.050	0.049	0.010	0.102	0.009	
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	1	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	1	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	2	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	2	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	3	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	3	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	4	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	4	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	5	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	5	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	6	AOAC	Not Tested	1	0.010	0.010	0.010	0.010					

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Results	Min Result	Mean Result	Median Result	Max Result	Assigned Target		Z-Score	Standard Uncertainty of the Assigned Value	Note
											Value	sd			
xxxxx	Fatty Acids	g/100g C23:0 Tricosanoic	6	OTHER	< 0.0100	1	0.010	0.010	0.010	0.010					Result Reported as <
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	1	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	1	OTHER	0.0400	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	2	AOAC	Not Tested	2	0.040	0.040	0.040	0.040					
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	2	OTHER	0.0400	2	0.040	0.040	0.040	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	3	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	3	OTHER	0.0400	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	4	AOAC	Not Tested	2	0.040	0.040	0.040	0.040					
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	4	OTHER	0.0400	2	0.040	0.040	0.040	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	5	AOAC	Not Tested	2	0.040	0.045	0.045	0.050					
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	5	OTHER	0.0400	2	0.040	0.045	0.045	0.050					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	6	AOAC	Not Tested	2	0.040	0.040	0.040	0.040					
xxxxx	Fatty Acids	g/100g C24:0 Lignoceric	6	OTHER	0.0400	2	0.040	0.040	0.040	0.040					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	1	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	1	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	2	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	2	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <

Infant Formula Testing Results 02/18/2019

Display of All Reported Results and z-Scores (When Applicable)

Site=xxxxx

Site	Nutrient	Test	Sample	Method Type	Reported Result	Number of Reported Results	Min Result	Mean Result	Median Result	Max Result	Assigned Value	Target sd	Z-Score	Standard Uncertainty of the Assigned Value	Note
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	3	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	3	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	4	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	4	OTHER	0.0100	2	0.010	0.015	0.015	0.020					Not Used for Evaluation
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	5	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	5	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	6	AOAC	Not Tested	2	0.010	0.015	0.015	0.020					
xxxxx	Fatty Acids	g/100g C24:1n9 Nervonic	6	OTHER	< 0.0100	2	0.010	0.015	0.015	0.020					Result Reported as <

Appendix B
AOAC Laboratory Proficiency Testing Program
IF01 Nutrients in Infant Formula and Adult Nutritional
Instructions for Analysis

Enclosed are six samples of infant formula and/or adult nutritional products. Appropriate action(s) should be taken to ensure a representative sample, including thorough mixing of the entire container prior to sampling. Samples should be handled like routine samples. Report results based on the powdered material. Analyses should be performed on the same day, as soon as possible after the samples are opened or reconstituted (If using a method that requires reconstituting). **RESULTS ARE DUE ON MARCH 20, 2019. For instructions on how to report online, use the link, login, and password sent in an email from the AOAC PT Website to the contact of record.**

Test samples 1-6 are fortified infant formula and/or adult nutritional products. Each package contains approximately 400 g of material. Store these materials at room temperature in the original, unopened packaging before and during analysis. After opening, the samples should be stored under refrigeration (4 °C). Use your own protocols for determining parameters such as sample size, number of replicates, etc.

Each participating laboratory can submit results for up to two methods for each nutrient. Laboratories can choose to report results obtained using the current AOAC SPIFAN Official Method of Analysis (OMA) and/or an alternate routine method of analysis. The participants had the option of marking the analysis as “Not Tested” for any test. Information on the method used for each analyses was requested. If applicable to your laboratory, analyze each of the samples for the following:

Water Soluble Vitamins	Units*	AOAC OMA
Vitamin B1	mcg/100 g**	AOAC OMA 2015.14
Vitamin B2	mcg/100 g**	AOAC OMA 2015.14
Vitamin B3	mcg/100 g**	To Be Determined
Vitamin B6	mcg/100 g**	AOAC OMA 2015.14
Vitamin B12	mcg/100 g**	AOAC OMA 2011.10
Pantothenic Acid (B5)	mcg/100g**	AOAC OMA 2012.16
Vitamin C	mg/100 g	AOAC OMA 2012.22
Biotin	mcg/100 g**	AOAC OMA 2016.02
Folic Acid	mcg/100 g**	AOAC OMA 2011.06

Oil Soluble Vitamins	Units*	AOAC OMA
Vitamin A	mcg/100 g**	AOAC OMA 2012.10
Vitamin D, D2, D3	mg/100 g	AOAC OMA 2016.05
Vitamin E	mg/100 g	AOAC OMA 2012.10
Vitamin K1	mcg/100 g**	AOAC OMA 2015.09

Other Nutrients	Units*	AOAC OMA
Fatty Acids	g/100 g	AOAC OMA 2012.13
Iodine	mcg/100 g**	AOAC OMA 2012.15
Myo-inositol	mg/100 g	AOAC OMA 2011.18
Nucleotides	mg/100 g	AOAC OMA 2011.20
Ultratrace Minerals (Chromium, Selenium, Molybdenum)	µg/100 g	AOAC OMA 2011.19

*units describe quantity in a final powdered product. **mcg=micrograms

Email us at LPTP@AOAC.org with any questions about the program, or if you have problems with your shipment.

Thank you for your participation.

Appendix C

Nutrient Homogeneity Data

		Results (mg/100g)												
Product Name/Lot	Analyte	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Mean	SD	RSD (%)
Samples 1, 3, 5 Infant Formula Powder Milk Based (4044755861)	B6	0.606	0.592	0.610	0.597	0.600	0.604	0.599	0.602	0.610	0.604	0.602	0.0057	0.9
	Mn	0.0840	0.0826	0.0783	0.0827	0.0862	0.0845	0.0803	0.0846	0.0814	0.0798	0.0824	0.00248	3.0
	Ca	359	363	372	369	382	380	383	385	359	368	372	10.0	2.7
	Zn	5.05	5.25	5.26	5.19	5.30	5.35	5.28	5.31	5.11	5.23	5.23	0.093	1.8
	Vit E acetate	6.19	6.17	6.09	6.20	6.19	6.23	6.15	6.18	6.24	6.18	6.18	0.042	0.7
Samples 2, 4, 6 Infant Formula Powder Milk Based (K16NTAV)	B6	0.586	0.589	0.581	0.569	0.576	0.576	0.611	0.588	0.585	0.580	0.584	0.0113	1.9
	Mn	0.0558	0.0560	0.0519	0.0554	0.0575	0.0572	0.0531	0.0561	0.0539	0.0537	0.0551	0.00183	3.3
	Ca	569	573	570	569	585	585	582	569	551	571	572	10.1	1.8
	Zn	5.22	5.47	5.28	5.33	5.42	5.51	5.35	5.39	5.20	5.37	5.35	0.101	1.9
	Vit E acetate	12.4	12.5	12.4	12.3	12.3	12.4	12.3	12.2	12.3	12.3	12.3	0.08	0.7